

2021

1. [Zero Watermarking: Critical Analysis of Its Role in Current Medical Imaging](#)

[ROČEK, Aleš](#), [Michal JAVORNÍK](#), [Karel SLAVÍČEK](#) and [Otto DOSTÁL](#). Zero Watermarking: Critical Analysis of Its Role in Current Medical Imaging. *Journal of Digital Imaging*. 2021, vol. 34, No 1, p. 204-211. ISSN 0897-1889. doi:10.1007/s10278-020-00396-0.

[URL](#)

Name (in English): Zero Watermarking: Critical Analysis of Its Role in Current Medical Imaging

RIV: Article in a journal. English. Switzerland.

Roček, Aleš (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution)

Keywords in English: Watermarking; DICOM; Medical imaging; Security; Integrity; Copyright

International impact: yes

Reviewed: yes

Changed by: Ing. Aleš Roček, Ph.D., učo 205054. Changed: 17/2/2021 13:30.

More: <https://is.muni.cz/auth/publication/1734016/en>

2020

2. [Birefringence influence on polarization changes and frequency on optical fiber](#)

KYSELÁK, Martin, Jan MASCHKE, Marco PANASCI, [Karel SLAVÍČEK](#), [Otto DOSTÁL](#), David GREINAR, Milan ČUČKA and Miloslav FILKA. *Birefringence influence on polarization changes and frequency on optical fiber*. SPIE, 2020. p. 1-13. ISBN 978-1-5106-3889-1. doi:10.1117/12.2573696.

Keywords in English: Optic fiber, PANDA fiber, Stokes parameters, spectrum analyzer, polarimeter, frequency, polarization, the sensor of temperature, birefringence

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 20/9/2021 08:50.

More: <https://is.muni.cz/auth/publication/1792983/en>

2019

3. [MeDiMed](#)

[DOSTÁL, Otto](#), [Karel SLAVÍČEK](#) and [Otto DOSTÁL](#). MeDiMed. *Elektrorevue*. International Society for Science and Engineering o.s., 2019, vol. 21, No 4, p. 114-119. ISSN 1213-1539.

URL

Name in Czech: MeDiMed

Name (in English): MeDiMed

RIV/00216224:14610/19:00113870 Article in a journal. Czech. Czech Republic.

Dostál, Otto (203 Czech Republic, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) -- Dostál, Otto (203 Czech Republic)

Keywords in English: PACS; DICOM; medical picture data

Reviewed: yes

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. *Changed:* 8/5/2020 12:03.

More: <https://is.muni.cz/auth/publication/1653199/en>

2017

4. [Právní limity nakládání s údaji o zdravotním stavu](#)

[DOSTÁL, Otto](#), [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). Právní limity nakládání s údaji o zdravotním stavu. In *XIII. mezinárodní kongres informačních technologií ve zdravotnictví*. 2017.

Type of participation: requested lecture

Changed by: JUDr. Otto Dostál, Ph.D., učo 45081. *Changed:* 20/2/2019 00:47.

More: <https://is.muni.cz/auth/publication/1498681/en>

5. [Reversible Watermarking in Medical Imaging with Zero Distortion in ROI](#)

[ROČEK, Aleš](#), [Michal JAVORNÍK](#), [Karel SLAVÍČEK](#) and [Otto DOSTÁL](#). Reversible Watermarking in Medical Imaging with Zero Distortion in ROI. In *Proceedings of 24th IEEE International Conference on Electronics, Circuits and Systems (ICECS 2017)*. New York: IEEE, 2017. p. 356-359. ISBN 978-1-5386-1911-7. doi:10.1109/ICECS.2017.8292071.

URL

Name (in English): Reversible Watermarking in Medical Imaging with Zero Distortion in ROI

RIV/00216224:14610/17:00098811 Proceedings paper. Informatics. English. United States of America.

Roček, Aleš (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution)

Keywords in English: Watermarking; DICOM; medical images; security; Reversible; Zero; ROI

International impact: yes

Reviewed: yes

Changed by: Mgr. Alena Mokra, učo 362754. *Changed:* 15/4/2019 15:16.

More: <https://is.muni.cz/auth/publication/1399291/en>

2016

6. [A new approach to fully-reversible watermarking in medical imaging with breakthrough visibility parameters](#)

[ROČEK, Aleš](#), [Karel SLAVÍČEK](#), [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). A new approach to fully-reversible watermarking in medical imaging with breakthrough visibility parameters. *Biomedical Signal Processing and Control*. Elsevier, 2016, vol. 29, No 7, p. 44-52. ISSN 1746-8094. doi:10.1016/j.bspc.2016.05.005.

[URL](#)

RIV/00216224:14610/16:00090160 Article in a journal. Informatics. English. Netherlands.

Roček, Aleš (203 Czech Republic, guarantor) -- Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution)

Keywords in English: Communication; DICOM; Medical images; Security; Watermarking; Visual cryptography; RONI

International impact: yes

Reviewed: yes

Changed by: Mgr. Alena Mokra, uco 362754. Changed: 28/4/2020 15:52.

More: <https://is.muni.cz/auth/publication/1347523/en>

2015

7. [Legislativnı aspekty dalšího rozvoje v oblasti telemedicıny](#)

[DOSTAL, Otto](#), [Otto DOSTAL](#) and [Michal JAVORNIK](#). Legislativnı aspekty dalšího rozvoje v oblasti telemedicıny. In *XI. mezinarodnı kongres informacnıch technologiı ve zdravotnictvı*. 2015.

Changed by: JUDr. Otto Dostal, Ph.D., uco 45081. Changed: 20/2/2019 00:43.

More: <https://is.muni.cz/auth/publication/1498679/en>

8. [Vyzkum a vvoj integrace kamerovych systemu do medicınskeho prostredı \(C-MED\) \(Research, development and integration of CCTV systems into medical environment \(C-MED\)\) \(software\)](#)

[DOSTAL, Otto](#) and Petr BELIK. Vyzkum a vvoj integrace kamerovych systemu do medicınskeho prostredı (C-MED) (Research, development and integration of CCTV systems into medical environment (C-MED)). 2015.

[URL](#)

Name (in English): Research, development and integration of CCTV systems into medical environment (C-MED)

RIV/00216224:14610/15:00080458 Software. Computer hardware and software. Czech. Czech Republic. obsah podleha obchodnımu tajemstvı.

Dostal, Otto (203 Czech Republic, belonging to the institution) -- Belık, Petr (203 Czech Republic)

Keywords in English: CCTV systems

Changed by: Mgr. Michal Petr, uco 65024. Changed: 10/8/2018 09:14.

More: <https://is.muni.cz/auth/publication/1341599/en>

9. [Výzkum a vývoj integrace kamerových systémů do medicínského prostředí \(C-MED\) \(Research, development and integration of CCTV systems into medical environment \(C-MED\) \(\)\)](#)

[DOSTÁL, Otto](#) and Petr BĚLÍK. *Výzkum a vývoj integrace kamerových systémů do medicínského prostředí (C-MED) (Research, development and integration of CCTV systems into medical environment (C-MED) ())*. 2015.

[URL](#)

Name (in English): Research, development and integration of CCTV systems into medical environment (C-MED) (

RIV/00216224:14610/15:00080420 Outcomes put into operation (prototype, working sample). Computer hardware and software. Czech. Czech Republic. obsah podléhá obchodnímu tajemství.

Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Bělík, Petr (203 Czech Republic)

Keywords in English: CCTV systems

Changed by: Mgr. Michal Petr, učo 65024. Changed: 10/8/2018 09:15.

More: <https://is.muni.cz/auth/publication/1338703/en>

10. [Watermarking in Regional Medical Imaging](#)

[JAVORNÍK, Michal](#), [Otto DOSTÁL](#) and [Aleš ROČEK](#). Watermarking in Regional Medical Imaging. In Valeri Mladenov, Elias Giacomidis, Jinlong Wei. *Proceedings of the 13th International Conference on Data Networks, Communications, Computers*. Hungary: World Scientific and Engineering Academy and Society, 2015. p. 222-226. ISBN 978-1-61804-355-9.

[URL](#)

Name in Czech: Vodoznačení v regionálním zpracování medicínských obrazových dat

RIV/00216224:14610/15:00080421 Proceedings paper. Computer hardware and software. English. Hungary.

Javorník, Michal (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Roček, Aleš (203 Czech Republic, belonging to the institution)

Keywords in English: Watermarking; Picture Archiving and Communication in Medicine; Telemedicine; Medical Imaging; Information Security

Type of proceedings: post-proceedings

International impact: yes

Reviewed: yes

Changed by: Ing. Aleš Roček, Ph.D., učo 205054. Changed: 19/4/2018 13:29.

More: <https://is.muni.cz/auth/publication/1338774/en>

2014

11. [DWY Time Series Decomposition Model](#)

[SLAVÍČEK, Karel](#), [Otto DOSTÁL](#) and [Vladimír SCHINDLER](#). DWY Time Series Decomposition Model. In *International Conference on Software, Electronics & Industrial Engineering*. Pattaya, Thailand: Planetary Scientific Research Centre, 2014. p. 27-30. ISBN 978-93-84468-10-1.

RIV/00216224:14610/14:00073307 Proceedings paper. Informatics. English. Thailand.

Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution) -- Schindler, Vladimír (203 Czech Republic, guarantor, belonging to the institution)

Keywords in English: time series; weekly cycle; calendar dependency

Type of proceedings: post-proceedings

International impact: yes

Reviewed: yes

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 7/4/2015 09:34.

More: <https://is.muni.cz/auth/publication/1217033/en>

12. [Zálohovací a dohledový systém pro InstantPACS \(Backup and monitoring system for InstantPACS\)](#)

[SLAVÍČEK, Karel](#), [Otto DOSTÁL](#), [Michal JAVORNÍK](#), [Aleš ROČEK](#), [Vladimír ZATLOUKAL](#) and Petr SEDLÁK. Zálohovací a dohledový systém pro InstantPACS (Backup and monitoring system for InstantPACS). 2014.

Name (in English): Backup and monitoring system for InstantPACS

RIV/00216224:14610/14:00073309 Pilot plant, certified technology, variety, breed. Informatics. Czech. Czech Republic. obsah podléhá obchodnímu tajemství.

Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Roček, Aleš (203 Czech Republic, belonging to the institution) -- Zatloukal, Vladimír (203 Czech Republic, belonging to the institution) -- Sedlák, Petr (203 Czech Republic)

Keywords in English: InstantPACS; backup; monitoring

International impact: yes

Reviewed: yes

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 20/4/2018 11:08.

More: <https://is.muni.cz/auth/publication/1217373/en>

2013

13. [Analýza vývoje telekomunikací pro ČEZ Distribuční služby, s.r.o. \(Analysis of the development of telecommunications for CEZ Distribution Services Ltd.\)](#)

[DOSTÁL, Otto](#), [Karel SLAVÍČEK](#), [Vladimír SCHINDLER](#), [Daniel TOVARŇÁK](#), Filip PROCHÁZKA and Miroslav GURIČAN. Analýza vývoje telekomunikací pro ČEZ Distribuční služby, s.r.o. (Analysis of the development of telecommunications for CEZ Distribution Services Ltd.). Brno: ČEZ Distribuční služby, s.r.o., 2013. 55 pp. Výzkumná zpráva 112013.

Name (in English): Analysis of the development of telecommunications for CEZ Distribution Services Ltd.

RIV/00216224:14610/13:00072640 Research report. Computer hardware and software. Czech. Czech Republic. obsah podléhá obchodnímu tajemství.

Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Schindler, Vladimír (203 Czech Republic, belonging to the institution) -- Tovarňák, Daniel

(203 Czech Republic) -- Procházka, Filip (203 Czech Republic) -- Guričan, Miroslav (703 Slovakia)

Keywords in English: GPRS;EDGE;CDMA;UMTS;LTE;IP;Erlang/OTP;

Changed by: Ing. Vladimír Schindler, Ph.D., učo 160298. Changed: 28/5/2014 16:11.

More: <https://is.muni.cz/auth/publication/1169438/en>

14. [Integration Concept in Regional Medical Imaging](#)

[JAVORNÍK, Michal](#), [Karel SLAVÍČEK](#) and [Otto DOSTÁL](#). Integration Concept in Regional Medical Imaging. In Joyce deng. *Koncept integrace regionálního zpracování medicínských obrazových informací*. Singapore: IACSIT Press, 2013. p. 26-31. ISBN 978-981-07-8391-4.

RIV/00216224:14610/13:00065547 Proceedings paper. Computer hardware and software. English. Czech Republic.

Javorník, Michal (203 Czech Republic, guarantor, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution)

Keywords in English: Medical Imaging;DICOM;Integration;

International impact: yes

Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 7/4/2014 09:45.

More: <https://is.muni.cz/auth/publication/1169955/en>

15. [Kalman filter improvement for gyroscopic mouse movement smoothing](#)

[SLAVÍČEK, Karel](#), [Vladimír SCHINDLER](#), [Otto DOSTÁL](#) and Martin SÝKORA. Kalman filter improvement for gyroscopic mouse movement smoothing. In Z. Thaweesak, P.S. Sandhu. *IIE Int'l Proceedings of International Conference on Research in Science, Engineering and Technology*. Kuala Lumpur: International Institute of Engineers, 2013. p. 43-48. ISBN 978-93-82242-47-5.

Name (in English): Kalman filter improvement for gyroscopic mouse movement smoothing

RIV/00216224:14610/13:00071655 Proceedings paper. Electronics and optoelectronics. English. Malaysia.

Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) -- Schindler, Vladimír (203 Czech Republic) -- Dostál, Otto (203 Czech Republic, belonging to the institution) -- Sýkora, Martin (203 Czech Republic)

Keywords in English: gyroscope; accelerometer; Kalman filter

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 1/4/2014 09:55.

More: <https://is.muni.cz/auth/publication/1162058/en>

16. [MEDIMED Shared Regional PACS Center](#)

[SLAVÍČEK, Karel](#), [Michal JAVORNÍK](#) and [Otto DOSTÁL](#). MEDIMED Shared Regional PACS Center. In Dongqing Wang. *COMPUTED TOMOGRAPHY*. 1st ed. Croatia: InTech, 2013. p. 43-62. ISBN 978-953-51-1102-3.

[URL](#)

Name in Czech: MEDIMED Sdílené regionální PACS centrum
RIV/00216224:14610/13:00065542 Chapter(s) of a specialized book. Computer hardware and software. English. Czech Republic.
Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution)
Keywords in English: PACS;DICOM;DWDM
International impact: yes
Reviewed: yes
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. *Changed:* 31/3/2014 09:33.

More: <https://is.muni.cz/auth/publication/1163709/en>

2012

17. [Extension of the Shared Regional PACS CenterMeDiMed to Smaller Healthcare Institutions](#)

[SLAVÍČEK, Karel](#), [Michal JAVORNÍK](#) and [Otto DOSTÁL](#). Extension of the Shared Regional PACS CenterMeDiMed to Smaller Healthcare Institutions. In Pascal Lorenz; Tibor Gyires; Iwona Pozniak-Koszalka. *The Eleventh International Conference on Networks*. Saint Gilles, Reunion Island: IARIA, 2012. p. 83-87. ISBN 978-1-61208-183-0.

Name (in English): Extension of the Shared Regional PACS CenterMeDiMed to Smaller Healthcare Institutions
RIV/00216224:14610/12:00057047 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.
Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution)
Keywords in English: PACS; DICOM; shared solution
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. *Changed:* 7/3/2013 13:35.

More: <https://is.muni.cz/auth/publication/979279/en>

18. [ICT Systems Monitoring](#)

[DOSTÁL, Otto](#), [Karel SLAVÍČEK](#), [Michal JAVORNÍK](#) and Pavel BUDIŠ. *ICT Systems Monitoring*. Saarbrücken: LAMBERT Academic Publishing, 2012. 167 pp. ISBN 978-3-8473-7231-8.

Name in Czech: Monitorování ICT systémů
Name (in English): ICT Systems Monitoring
RIV/00216224:14610/12:00057058 Book on a specialized topic. Informatics. English. Germany.
Dostál, Otto (203 Czech Republic, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Budiš, Pavel (203 Czech Republic)
Keywords in English: ICT; monitoring; availability
Reviewed: yes
Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. *Changed:* 2/4/2013 13:50.

More: <https://is.muni.cz/auth/publication/1082769/en>

19. [Sharing of knowledge and resources in regional medical imaging](#)

[JAVORNÍK, Michal](#), [Karel SLAVÍČEK](#) and [Otto DOSTÁL](#). Sharing of knowledge and resources in regional medical imaging. In *2nd International Conference on Biomedical Engineering & Assistive Technologies*. Jalandhar: Dr. B. R. AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR – 144 011, India, 2012. p. 304-308. ISBN 978-81-925454-1-7.

Name (in English): Sharing of knowledge and resources in regional medical imaging

RIV/00216224:14610/12:00057057 Proceedings paper. Informatics. English. India.

Javorník, Michal (203 Czech Republic, guarantor, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic)

Keywords in English: DICOM; Knowledge Database; PACS; Regional Medical Imaging

Reviewed: yes

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 21/1/2013 17:32.

More: <https://is.muni.cz/auth/publication/1082275/en>

2011

20. [Medical Traffic Modeling For Delay Measurement in Bottleneck Network](#)

MLÝNEK, Petr, Jiří MIŠUREC, Martin MARTIN KOUTNÝ and [Otto DOSTÁL](#). Medical Traffic Modeling For Delay Measurement in Bottleneck Network. In Norbert Herencsar, Karol Molnar. *34th International Conference on Telecommunication and Signal Processing*. 1.vyd. Budapest: IEEE, 2011. p. 208-212. ISBN 978-1-4577-1411-5.

Informatics. English. Hungary.

Keywords in English: MeDiMed; delay; network bottleneck; medical traffic modeling; network simulator

Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 23/4/2012 11:53.

More: <https://is.muni.cz/auth/publication/956963/en>

21. [Service Availability Quantification in Datacommunication Networks](#)

[SLAVÍČEK, Karel](#), [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). Service Availability Quantification in Datacommunication Networks. In *34th International Conference on Telecommunication and Signal Processing*. Budapest: IEEE, 2011. p. 57-61. ISBN 978-1-4577-1411-5.

RIV/00216224:14610/11:00057020 Proceedings paper. Informatics. English. Hungary.

Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution)

Keywords in English: Reliability; availability; t-norm

International impact: yes

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 7/3/2013 14:25.

More: <https://is.muni.cz/auth/publication/956951/en>

22. [System Supporting Effectiveness in Medical Imaging](#)

[JAVORNÍK, Michal](#), [Otto DOSTÁL](#) and [Karel SLAVÍČEK](#). System Supporting Effectiveness in Medical Imaging. In *The 7th International Conference on Information Technology and Application*. Sydney, Australia: 2011 ICITA, 2011. p. 162-166. ISBN 978-0-9803267-4-1.

RIV/00216224:14610/11:00057022 Proceedings paper. Informatics. English. Australia.

Javorník, Michal (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution)

Keywords in English: DICOM; Integration; Medical Education; Medical Imaging

Type of proceedings: post-proceedings

International impact: yes

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 7/4/2016 09:58.

More: <https://is.muni.cz/auth/publication/966817/en>

2010

23. [Informační a komunikační technologie a segment zdravotnictví \(Information and communication technologies and health care segment\)](#)

[DOSTÁL, Otto](#). Informační a komunikační technologie a segment zdravotnictví (Information and communication technologies and health care segment). In *Vybrané kapitoly z nové ekonomiky*. První. Praha: Wolters Kluwer, 2010. p. 23-75, 52 pp. ISBN 978-80-7357-569-4.

Name (in English): Information and communication technologies and health care segment

RIV/00216224:14610/10:00046104 Chapter(s) of a specialized book. Use of computers, robotics and its application. Czech. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution)

Keywords in English: High speed network technologies; ICT applications in health care;

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 5/1/2011 10:16.

More: <https://is.muni.cz/auth/publication/915363/en>

24. [Mathematical Processing of Event Logs](#)

[SLAVÍČEK, Karel](#), [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). Mathematical Processing of Event Logs. In *New Information and Multimedia Technologies NIMT - 2010*. Brno: VUT Brno, 2010. p. 58-61. ISBN 978-80-214-4126-2.

Name in Czech: Matematicke zpracovani logu udalosti

RIV/00216224:14610/10:00051599 Proceedings paper. Computer hardware and software. English. Czech Republic.

Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) --

Dostál, Otto (203 Czech Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution)
Keywords in English: syslog; mathematical processing
Type of proceedings: post-proceedings
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 10/4/2012 09:07.

More: <https://is.muni.cz/auth/publication/914660/en>

25. [Mathematical processing of event logs from network devices](#)

[SLAVÍČEK, Karel](#), [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). Mathematical processing of event logs from network devices. In *2010 International Conference on Intelligent Network and Computing*. Chengdu: IEEE, 2010. 5 pp. ISBN 978-1-4244-8271-9.

Name in Czech: Matematické zpracování logů síťových zařízení
RIV/00216224:14610/10:00046026 Proceedings paper. Use of computers, robotics and its application. English. Malaysia.
Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution)
Keywords in English: event log; mathematical processing
Type of proceedings: post-proceedings
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 28/12/2010 11:32.

More: <https://is.muni.cz/auth/publication/914661/en>

26. [MEDIMED - Regional Centre for Medicine Image Data Processing](#)

[SLAVÍČEK, Karel](#), [Otto DOSTÁL](#), [Michal JAVORNÍK](#) and Miloš DRDLA. MEDIMED - Regional Centre for Medicine Image Data Processing. In *Knowledge Discovery and Data Mining*. 2010th ed. USA: IEEE Computer Society, 2010. p. 310 - 313. ISBN 978-0-7695-3923-2.

Name in Czech: MEDIMED - Regionální centrum pro zpracování medicínských obrazových dat
RIV/00216224:14610/10:00043318 Proceedings paper. Informatics. English. Thailand.
Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Drdla, Miloš (203 Czech Republic)
Keywords in English: PACS; DICOM
International impact: yes
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 20/7/2011 11:08.

More: <https://is.muni.cz/auth/publication/871015/en>

27. [System for Effective Collaboration in the Area of Medical Imaging](#)

[DOSTÁL, Otto](#), [Karel SLAVÍČEK](#) and [Michal JAVORNÍK](#). System for Effective Collaboration in the Area of Medical Imaging. In *International Conference on Advanced Computer Science and Information Systems*. Bali: Faculty of Computer Science, Universitas Indonesia, Depok, 16424, 2010. p. 207 - 212.

Name in Czech: Systém pro efektivní spolupráci v oblasti medicínských obrazových dat

RIV/00216224:14610/10:00045827 Proceedings paper. Computer hardware and software. English. Indonesia.

Dostál, Otto (203 Czech Republic, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, guarantor, belonging to the institution)

Keywords in English: Telemedicine; Medical Imaging

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 20/7/2011 11:08.

More: <https://is.muni.cz/auth/publication/913027/en>

28. [Systém pro mezinárodní výměnu obrazových informací \(System for the international exchange of image information\)](#)

[JAVORNÍK, Michal](#) and [Otto DOSTÁL](#). Systém pro mezinárodní výměnu obrazových informací (System for the international exchange of image information). In *Telemedicina Brno 2010*. 2010.

Name in Czech: Systém pro mezinárodní výměnu obrazových informací

Name (in English): System for the international exchange of image information

Use of computers, robotics and its application. Czech. Czech Republic.

Keywords in English: DICOM; Telemedicine; Teleradiology;

Type of proceedings: post-proceedings

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/1/2011 08:25.

More: <https://is.muni.cz/auth/publication/916524/en>

29. [Vybrané kapitoly z nové ekonomiky \(Selected chapters from the new economy\)](#)

[DOSTÁL, Otto](#), [Otto DOSTÁL](#), Eva KOSTRECOVÁ and Bohumír ŠTĚDRŮŇ. *Vybrané kapitoly z nové ekonomiky (Selected chapters from the new economy)*. Praha: Wolters Kluwer, 2010. 228 pp. V 1. ISBN 978-80-7357-569-4.

Name (in English): Selected chapters from the new economy

RIV/00216224:14610/10:00049553 Book on a specialized topic. Economics.

Czech. Czech Republic.

Dostál, Otto (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203

Czech Republic, belonging to the institution) -- Kostrecová, Eva (203 Czech

Republic) -- Štědroň, Bohumír (203 Czech Republic, guarantor)

Keywords in English: new economy; marketing; information technology; ICT

Reviewed: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 17/4/2012 13:59.

More: <https://is.muni.cz/auth/publication/979810/en>

30. [Zkušenosti s mapováním sítě vysokých škol v Brně pro nasazení 100 Gbit/s \(Experience with mapping the computer network of universities in Brno for the deployment of 100 gigabit / sec\)](#)

[DOSTÁL, Otto](#) and Jan BROUČEK. Zkušenosti s mapováním sítě vysokých škol v Brně pro nasazení 100 Gbit/s (Experience with mapping the computer network of universities in Brno for the deployment of 100 gigabit / sec). In *Optické komunikace 2010*. První. Praha: Agentura Action M, 2010. 12 pp. ISBN 978-80-86742-29-8.

Name (in English): Experience with mapping the computer network of universities in Brno for the deployment of 100 gigabit / sec
Use of computers, robotics and its application. Czech. Czech Republic.
Keywords in English: Optical networks; Reflectance; Insertion Loss; PMD; CD;
Type of proceedings: post-proceedings
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. *Changed:* 18/4/2011 09:50.

More: <https://is.muni.cz/auth/publication/916344/en>

2009

31. [Current Development of MeDiMed the Regional Centre for Medicine Picture Data Processing](#)

[SLAVÍČEK, Karel](#), [Otto DOSTÁL](#), [Michal JAVORNÍK](#) and [Vladimír SCHINDLER](#). Current Development of MeDiMed the Regional Centre for Medicine Picture Data Processing. In *International Conference NEW INFORMATION AND MULTIMEDIA TECHNOLOGIES*. Brno: Brno University of Technology Faculty of Electrical Engineering and Communication, 2009. p. 58-61. ISBN 978-80-214-3708-1.

Name in Czech: Současný stav vývoje projektu MeDiMed - regionálního centra zpracování medicínských obrazových dat
RIV/00216224:14610/09:00051597 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.
Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Schindler, Vladimír (203 Czech Republic, belonging to the institution)
Keywords in English: PACS; DICOM; telemedicine
Type of proceedings: post-proceedings
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. *Changed:* 10/4/2012 09:08.

More: <https://is.muni.cz/auth/publication/914632/en>

32. [Redundancy in Processing of Medical Image Data](#)

[SLAVÍČEK, Karel](#), [Michal JAVORNÍK](#) and [Otto DOSTÁL](#). Redundancy in Processing of Medical Image Data. In *Fourth International Conference on Computer Sciences and Convergence Information Technology*. Seoul, Korea: IEEE Computer Society Conference Publishing Services, 2009. p. 519-523. ISBN 978-1-4244-5244-6.

Name in Czech: Redundance ve zpracování medicínských obrazových dat
RIV/00216224:14610/09:00051296 Proceedings paper. Use of computers, robotics and its application. English. Republic of Korea.
Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution)
Keywords in English: DICOM; PACS; Telemedicine
International impact: yes
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. *Changed:* 27/3/2012 14:13.

More: <https://is.muni.cz/auth/publication/872541/en>

33. [Zkušenosti s provozem Radiologického komunikačního centra \(Experience with the operation of radiological Communications Center\)](#)

[DOSTÁL, Otto](#) and [Michal JAVORNÍK](#). Zkušenosti s provozem Radiologického komunikačního centra (Experience with the operation of radiological Communications Center). In *Telemedicina Brno 2009*. Brno: MSD, 2009. 5 pp. ISBN 978-80-7392-025-8.

Name (in English): Experience with the operation of radiological Communications Center

RIV/00216224:14610/09:00046328 Proceedings paper. Use of computers, robotics and its application. Czech. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) --

Javorník, Michal (203 Czech Republic, belonging to the institution)

Keywords in English: PACS; DICOM; Radiological communication center;

Type of proceedings: post-proceedings

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/1/2011 08:29.

More: <https://is.muni.cz/auth/publication/916556/en>

2008

34. [Ict as Tool for Controlling of Market Relationship and Increasing of Economic Effectiveness in the Area of Processing of Medical Image Data](#)

[JAVORNÍK, Michal](#), [Otto DOSTÁL](#), [Karel SLAVÍČEK](#) and Miloslav FILKA. Ict as Tool for Controlling of Market Relationship and Increasing of Economic Effectiveness in the Area of Processing of Medical Image Data. In *New information and multimedia technologies NIMT- 2008*. Brno: University of Technology, Brno, 2008. p. 83-85. ISBN 978-80-214-3708-1.

Name in Czech: Uplatnění ICT jako nástroje řízení tržních vztahů a zvyšování efektivity při zpracování medicínských obrazových dat

Use of computers, robotics and its application. English. Czech Republic.

Keywords in English: Telemedicine; Integration; DICOM; PACS

Type of proceedings: pre-proceedings

International impact: yes

Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 20/4/2011 15:55.

More: <https://is.muni.cz/auth/publication/798764/en>

35. [Knowledge Management and Cost - Effectiveness in the Area of Medical Image Data](#)

[JAVORNÍK, Michal](#), [Otto DOSTÁL](#), [Karel SLAVÍČEK](#) and [Pavel VENTRUBA](#). Knowledge Management and Cost - Effectiveness in the Area of Medical Image Data. In *The 38th International Conference on Computers & Industrial Engineering*. Beijing, China: University, Beijing, China, 2008. p. 883-887. ISBN 978-7-121-07437-0.

Name in Czech: Řízení znalostí a nákladová efektivita v oblasti medicínských obrazových dat

RIV/00216224:14610/08:00024348 Proceedings paper. Use of computers, robotics and its application. English. China.

Javorník, Michal (203 Czech Republic, guarantor, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution) -- Ventruba, Pavel (203 Czech Republic, belonging to the institution)

Keywords in English: KNOWLEDGE MANAGEMENT; MEDICAL; DICOM;

Type of proceedings: pre-proceedings

International impact: yes

Reviewed: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 20/7/2011 11:10.

More: <https://is.muni.cz/auth/publication/798773/en>

36. [Mathematical Processing of Syslog Messages from Routers an Switches](#)

[SLAVÍČEK, Karel](#), [Jaroslav LEDVINKA](#), [Michal JAVORNÍK](#) and [Otto DOSTÁL](#). Mathematical Processing of Syslog Messages from Routers an Switches. In *Information and Automation for Sustainability*. Colombo: IEEE Catalog Number CFP0809B, 2008. p. 463-468. ISBN 978-1-4244-2900-4.

Name in Czech: Matematické zpracování Syslog zpráv ze směrovačů a přepínačů RIV/00216224:14610/08:00024359 Proceedings paper. Use of computers, robotics and its application. English. Sri Lanka.

Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) -- Ledvinka, Jaroslav (203 Czech Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution)

Keywords in English: Network; Syslog; Message; Processing;

Type of proceedings: pre-proceedings

International impact: yes

Reviewed: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 20/7/2011 11:10.

More: <https://is.muni.cz/auth/publication/800275/en>

37. [Technology backround of international collaboration on medicine multimedia knowledge base establishment](#)

[SLAVÍČEK, Karel](#), [Michal JAVORNÍK](#) and [Otto DOSTÁL](#). Technology backround of international collaboration on medicine multimedia knowledge base establishment. In *Proceedings of the 2nd WSEAS International Conference on COMPUTER ENGINEERING and APPLICATIONS(CEA'08)*. Acapulco, Mexico, January 25-27, 2008: Published by WSEAS Press, 2008. p. 137-142, 5 pp. ISBN 978-960-6766-33-6.

Name in Czech: Technologické základna pro mezinárodní spolupráci v oblasti vytváření medicínské multimediální databáze RIV/00216224:14610/08:00041923 Proceedings paper. Use of computers, robotics and its application. English. Mexico.

Slavíček, Karel (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution)

Keywords in English: DICOM; medicine ; multimedia ; data

Type of proceedings: post-proceedings

International impact: yes

Reviewed: yes

Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 21/4/2011 10:39.

More: <https://is.muni.cz/auth/publication/766557/en>

2007

38. [Carrier Grade Ethernet](#)

[DOSTÁL, Otto](#), [Karel SLAVÍČEK](#) and Miloslav FILKA. Carrier Grade Ethernet. In *telecommunications and signalprocessing TSP 2007*. Brno: VUT Brno, 2007. p. 123-127. ISBN 978-80-214-3445-5.

Name in Czech: Ethernet pro operátory

Use of computers, robotics and its application. English. Czech Republic.

Keywords in English: Ethernet;WAN;Networks:

Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 21/4/2011 10:57.

More: <https://is.muni.cz/auth/publication/747004/en>

39. [Digital tutorial archive](#)

RAČANSKÁ, Eva, [Otto DOSTÁL](#), [Michal JAVORNÍK](#), [Pavel VENTRUBA](#) and [Martin PETRENKO](#). Digital tutorial archive. In *Proceedings of The 3rd IASTED International Conference on Telehealth 2007*. Anaheim/Calgary/Zurich: ACTA Press, 2007. p. 77-81. ISBN 978-0-88986-668-3.

Name in Czech: Digitální výukový archiv

Name (in English): Digital tutorial archive

Informatics. English. Chad.

Keywords in English: PACS (Picture Archiving and Communication System);

DICOM (Digital Imaging and Communication in Medicine); Digital Image; Tutorial Database

Type of proceedings: pre-proceedings

International impact: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/4/2010 10:57.

More: <https://is.muni.cz/auth/publication/727882/en>

40. [Digitální obrazový archiv \(Digital tutorial archive\)](#)

RAČANSKÁ, Eva, [Martin PETRENKO](#), [Pavel VENTRUBA](#), [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). Digitální obrazový archiv (Digital tutorial archive). *Praktická gynekologie*. Brno: Medica Healthworld, 2007, vol. 2007, No 4, p. 179-183. ISSN 1211-6645.

Name in Czech: Digitální obrazový archiv

Name (in English): Digital tutorial archive

RIV/00216224:14610/07:00041595 Article in a journal. Gynaecology and obstetrics. Czech. Czech Republic.

Račanská, Eva (203 Czech Republic, guarantor, belonging to the institution) --

Petrenko, Martin (203 Czech Republic, belonging to the institution) -- Ventruba,

Pavel (203 Czech Republic, belonging to the institution) -- Dostál, Otto (203 Czech

Republic, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution)
Keywords in English: PACS; modalita; digitální záznam; anonymizace
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 19/8/2011 09:06.

More: <https://is.muni.cz/auth/publication/727885/en>

41. [Efektivní zpracování medicínských obrazových dat \(Effective processing of medical image information\)](#)

ŠÁREK, Milan, [Otto DOSTÁL](#), [Karel SLAVÍČEK](#) and [Pavel ANDRES](#). Efektivní zpracování medicínských obrazových dat (Effective processing of medical image information). In *Širokopásmové sítě a jejich aplikace*. Olomouc: Univerzita Palackého v Olomouci, 2007. p. 107-109. ISBN 978-80-244-1687-8.

Name (in English): Effective processing of medical image information
Use of computers, robotics and its application. Czech. Czech Republic.
Keywords in English: telemedicine; PACS; legislature; research;
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 22/4/2011 14:36.

More: <https://is.muni.cz/auth/publication/718983/en>

42. [Improving Education and Cost - Effectiveness in Medical Imaging](#)

[JAVORNÍK, Michal](#) and [Otto DOSTÁL](#). Improving Education and Cost - Effectiveness in Medical Imaging. *IT@Networking Communications*. Brussels: Christin Marolt, 2007, 1/2007, No 2, p. 14-15. ISSN 1784-0716.

Name in Czech: Zkvalitnění výuky a zvýšení efektivity při zpracování medicínské obrazové informace
RIV/00216224:14610/07:00041514 Article in a journal. Use of computers, robotics and its application. English. Belgium.
Javorník, Michal (203 Czech Republic, guarantor, belonging to the institution) -- Dostál, Otto (203 Czech Republic, belonging to the institution)
Keywords in English: Image; Network; education
Reviewed: yes
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 19/8/2011 09:06.

More: <https://is.muni.cz/auth/publication/723748/en>

43. [Integration of Telemedicine Activities in the Czech Republic](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#), [Karel SLAVÍČEK](#) and [Pavel VENTRUBA](#). Integration of Telemedicine Activities in the Czech Republic. In *4th International Conference on Innovations in Information Technology, Innovations '07. IEEE*. Dubai, United Arab Emirates: UAE University, 2007. p. 532-536. ISBN 978-1-4244-1840-4.

Name in Czech: Integrace telemedicínských aktivit v ČR
RIV/00216224:14610/07:00041924 Proceedings paper. Use of computers, robotics and its application. English. United Arab Emirates.
Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Javorník, Michal (203 Czech Republic, belonging to the institution) -- Slavíček,

Karel (203 Czech Republic, belonging to the institution) -- Ventruba, Pavel (203 Czech Republic, belonging to the institution)
Keywords in English: Regional; PACS; medical training; cooperation;
Type of proceedings: post-proceedings
International impact: yes
Reviewed: yes
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 19/8/2011 09:05.

More: <https://is.muni.cz/auth/publication/766560/en>

44. [New Cable Testing Polygon in TU Brno](#)

[DOSTÁL, Otto](#), Miloslav FILKA and Martin KYSELÁK. New Cable Testing Polygon in TU Brno. In *Telecommunications and signal Processing*. 2007th ed. Brno: VUT Brno, 2007. p. 109-115. ISBN 978-80-214-3445-5.

Name in Czech: Nový kabelový testovací polygon na TU Brno
Sensors, detecting elements, measurement and regulation. English. Czech Republic.
Keywords in English: Cable testing ;telecommunication
Reviewed: yes
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 12/4/2011 16:02.

More: <https://is.muni.cz/auth/publication/747003/en>

45. [Opportunities of Today's ICT Technologies for Support of Education and Training in Radiology](#)

[KRUPA, Petr](#), [Michal JAVORNÍK](#) and [Otto DOSTÁL](#). Opportunities of Today's ICT Technologies for Support of Education and Training in Radiology. In *The Sixth International Conference on Networking (ICN 2007)*. Sainte - Luce, Martinique, France: IEEE computer society, 2007. p. 57-62. ISBN 0-7695-2805-8.

Name in Czech: Možnosti současných technologií pro podporu výuky v radiologii
Use of computers, robotics and its application. English. France.
Keywords in English: Dicom ; MeDiMed ; PACS ; Teaching archive;
Type of proceedings: post-proceedings
International impact: yes
Reviewed: yes
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/4/2010 11:07.

More: <https://is.muni.cz/auth/publication/723893/en>

46. [PACS v gynekologii \(PACS in gynecology\)](#)

RAČANSKÁ, Eva, [Martin PETRENKO](#), [Pavel VENTRUBA](#), [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). PACS v gynekologii (PACS in gynecology). In *Edukační sborník XXXI. Brněnské onkologické dny*. Brno: Masarykův onkologický ústav, 2007. p. 60. ISBN 978-978-8679-30-1.

Name in Czech: PACS v gynekologii
Name (in English): PACS in gynecology
Gynaecology and obstetrics. Czech. Czech Republic.
Keywords in English: PACS; endoskopie; ultrazvuk; digitální obrazová data

Type of proceedings: pre-proceedings

Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 25/3/2011 15:48.

More: <https://is.muni.cz/auth/publication/727884/en>

47. [Projekt MEDIMED - regionální archiv medicínských obrazových dat \(The MEDIMED project - regional archive of medicine multimedia data\)](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#), [Martin PETRENKO](#), [Aleš ROČEK](#) and [Karel SLAVÍČEK](#). Projekt MEDIMED - regionální archiv medicínských obrazových dat (The MEDIMED project - regional archive of medicine multimedia data). In *Širokopásmové sítě a jejich aplikace*. Olomouc: CESNET, z.s.p.o.a UP Olomouc, 2007. p. 110-114. ISBN 978-80-244-1687-8.

Name (in English): The MEDIMED project - regional archive of medicine multimedia data

Use of computers, robotics and its application. Czech. Czech Republic.

Keywords in English: PACS;MEDIMED;DICOM

International impact: yes

Reviewed: yes

Changed by: Ing. Aleš Roček, Ph.D., učo 205054. Changed: 1/4/2015 11:40.

More: <https://is.muni.cz/auth/publication/747633/en>

48. [Regionální řešení pro podporu medicínských obrazových informací \(Complex support of medical image information processing\)](#)

[DOSTÁL, Otto](#) and [Michal JAVORNÍK](#). Regionální řešení pro podporu medicínských obrazových informací (Complex support of medical image information processing). In *Telemedicina Brno 2007*. Brno: MSD, 2007. p. 95-119. ISBN 978-80-86633-94-7.

Name in Czech: Complex support of medical image information processing

Name (in English): Complex support of medical image information processing

Use of computers, robotics and its application. Czech. Czech Republic.

Keywords in English: Picture archiving; Communication; Medical

Type of proceedings: pre-proceedings

Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 21/4/2011 11:43.

More: <https://is.muni.cz/auth/publication/724055/en>

49. [Use of 3D geometry modelling of osteochondrosis-like iatrogenic lesions as a template for press and fit scaffold seeded with mesenchymal stem cells.](#)

[KRUPA, Petr](#), Pavel KRŠEK, [Michal JAVORNÍK](#), [Otto DOSTÁL](#), Robert SRNEC, Pavel USVALD, Pavel PROKS, Helga KECOVÁ, Evzen AMLER, Josef JANČÁŘ, [Petr GÁL](#), [Ladislav PLÁNKA](#) and [Alois NEČAS](#). Use of 3D geometry modelling of osteochondrosis-like iatrogenic lesions as a template for press and fit scaffold seeded with mesenchymal stem cells. *Physiological Research*. Praha: Institute of Physiology, Academy of Sci, 2007, vol. 56, Suppl 1, p. 107-114. ISSN 0862-8408.

Name in Czech: Použití 3D geometrických modelování k vytvoření předlohy iatrogenního osteochondrálního defektu pro přípravu skafodu pro transplataci kmenových buněk.

RIV/00216224:14110/07:00024045 Article in a journal. Traumatology and orthopaedics. English. Czech Republic.

Krupa, Petr (203 Czech Republic, guarantor) -- Kršek, Pavel (203 Czech Republic) -- Javorník, Michal (203 Czech Republic) -- Dostál, Otto (203 Czech Republic) -- Srnec, Robert (203 Czech Republic) -- Usvald, Pavel (203 Czech Republic) -- Proks, Pavel (203 Czech Republic) -- Kecová, Helga (203 Czech Republic) -- Amler, Evzen (203 Czech Republic) -- Jančář, Josef (203 Czech Republic) -- Gál, Petr (203 Czech Republic) -- Plánka, Ladislav (203 Czech Republic) -- Nečas, Alois (203 Czech Republic)

Keywords in English: cartilage; CT imaging; tissue segmentation; joint resurfacing; mesenchyma stem cells

International impact: yes

Reviewed: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 26/6/2009 09:09.

More: <https://is.muni.cz/auth/publication/771705/en>

50. [Wireless Technology in Medicine Applications](#)

[DOSTÁL, Otto](#) and [Karel SLAVÍČEK](#). Wireless Technology in Medicine Applications. In *Personal Wireless Communications*. 2007th ed. Praha: Springer Verlag, 2007. p. 316-324. ISBN 978-0-387-74158-1.

Name in Czech: Bezdrátové technologie v medicínských aplikacích

RIV/00216224:14610/07:00023160 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor, belonging to the institution) -- Slavíček, Karel (203 Czech Republic, belonging to the institution)

Keywords in English: PACS; DICOM; Medicine Picture Data

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 29/3/2012 16:08.

More: <https://is.muni.cz/auth/publication/747001/en>

2006

51. [Collaborative environment supporting research and education in the area of medical image information](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#) and [Pavel VENTRUBA](#). Collaborative environment supporting research and education in the area of medical image information. *International Journal of Computer Assisted Radiology and Surgery*. Deutschland: Springer, 2006, vol. 2006, No 1, p. 98-100. ISSN 1861-6410.

Name in Czech: Kolaborativni prostredi pro podporu vyzkumu a vzdelavani v oblasti medicinskych obrazovych informaci

RIV/00216224:14610/06:00017279 Article in a journal. Use of computers, robotics and its application. English. Japan.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic) -- Ventruba, Pavel (203 Czech Republic)

Keywords in English: Education and Research PACS; DICOM; Collaborative environment

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 4/10/2006 11:04.

More: <https://is.muni.cz/auth/publication/697369/en>

52. [DWDM in CESNET Backbone Network](#)

NOVÁK, Václav, [Karel SLAVÍČEK](#), [Otto DOSTÁL](#) and Miloslav FILKA. DWDM in CESNET Backbone Network. In *Telecommunications and Signal Processing TSP-2006*. Brno: VUT Brno, 2006. p. 145-151. ISBN 80-214-3226-8.

Name in Czech: DWDM na páteřní síti CESNET

RIV: Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Novák, Václav (203 Czech Republic) -- Slaviček, Karel (203 Czech Republic, guarantor) -- Dostál, Otto (203 Czech Republic) -- Filka, Miloslav (203 Czech Republic)

Keywords in English: DWDM; backbone; NREN

International impact: yes

Reviewed: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 7/4/2010 17:05.

More: <https://is.muni.cz/auth/publication/747560/en>

53. [Opportunity of Current ICT in the Processing of Medical Image Information.](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#) and [Karel SLAVÍČEK](#). Opportunity of Current ICT in the Processing of Medical Image Information. In *In Proceedings of the International Conference International Association of Science and Technology for Development*. Mexico: EASTED. Mexico: The International Association of Science and Technology for Development, 2006. p. 193-195. ISBN 0-88986-545-0.

Name in Czech: Možnosti současných informačních a komunikačních technologií pro zpracování medicínských obrazových oinformací

RIV/00216224:14610/06:00017285 Proceedings paper. Use of computers, robotics and its application. English. Mexico.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic) -- Slaviček, Karel (203 Czech Republic)

Keywords in English: telemedicine; wireless; PACS; Medical; Image

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 26/6/2009 09:55.

More: <https://is.muni.cz/auth/publication/697444/en>

54. [PKI Utilisation for PACS Users Authentication](#)

[DOSTÁL, Otto](#), [Karel SLAVÍČEK](#) and [Michal JAVORNÍK](#). PKI Utilisation for PACS Users Authentication. In *ICN 2006*. Mauritius: IEEE Computer Society, 2006. p. 151-156. ISBN 0-7695-2552-0.

Name in Czech: Využití PKI pro autentikaci uživatelů PACSu

RIV/00216224:14610/06:00019335 Proceedings paper. Informatics. English. Mauritius.

Dostál, Otto (203 Czech Republic) -- Slaviček, Karel (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic)

Keywords in English: PKI; PACS; DICOM

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 10/4/2010 11:20.

More: <https://is.muni.cz/auth/publication/697294/en>

55. [User Authentication to Access Secure Data](#)

NAVRÁTIL, Pavel, [Karel SLAVÍČEK](#) and [Otto DOSTÁL](#). User Authentication to Access Secure Data. In *First CESNET Conference on Advanced Communications and Grids*. Praha: CESNET z.s.p.o., 2006. p. 127-132. ISBN 80-239-6533-6.

Name in Czech: Autentikace uživatelů pro přístup k zabezpečeným datům
RIV/00216224:14610/06:00016684 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Navrátil, Pavel (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic, guarantor) -- Dostál, Otto (203 Czech Republic)

Keywords in English: USB token; PACS; VPN

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 7/4/2006 15:50.

More: <https://is.muni.cz/auth/publication/631551/en>

56. [Výukový PACS a jeho přínos ve výuce na LF MU \(Teaching PACS archive and its role at the Medical Faculty of Masaryk University\)](#)

[KRUPA, Petr](#), [Jan KŘÍSTEK](#), [Pavel ANDRES](#), [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). Výukový PACS a jeho přínos ve výuce na LF MU (Teaching PACS archive and its role at the Medical Faculty of Masaryk University). In *RITM report II*. Brno: Masarykova Univerzita Brno, 2006. p. 77. ISBN 80-210-4213-3.

Name (in English): Teaching PACS archive and its role at the Medical Faculty of Masaryk University

Keywords in English: teaching archive; Medimed; radiology education

Changed by: MUDr. Jan Křístek, Ph.D., učo 90630. *Changed:* 13/2/2009 15:12.

More: <https://is.muni.cz/auth/publication/819987/en>

57. [Využití možností digitálního zpracování obrazových informací pro zvýšení kvality, efektivity a konkurenceschopnosti zdravotnických zařízení](#)

[JAVORNÍK, Michal](#), [Otto DOSTÁL](#) and Pavel ANDRES. Využití možností digitálního zpracování obrazových informací pro zvýšení kvality, efektivity a konkurenceschopnosti zdravotnických zařízení. In *Sborník příspěvků Strategické řízení nemocnic a řízení kvality péče*. 2006th ed. Brno: Brno International Business School, 2006. 1 pp.

Name in Czech: Využití možností digitálního zpracování obrazových informací pro zvýšení kvality, efektivity a konkurenceschopnosti zdravotnických zařízení
Use of computers, robotics and its application. Czech. Czech Republic.

Keywords in English: PACS;Hospitals;

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 4/10/2006 10:52.

More: <https://is.muni.cz/auth/publication/697445/en>

2005

58. [Communication Technology As a Tool to increase Efficiency in Medical Care](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#), [Karel SLAVÍČEK](#) and Miloslav FILKA. Communication Technology As a Tool to increase Efficiency in Medical Care. In *Telecommunications and signal processing TSP 2005*. Brno: VUT Brno, 2005. p. 179-184. ISBN 80-214-2972-0.

Name in Czech: Komunikační technologie jako prostředek ke zvýšení efektivity lékařské péče

RIV/00216224:14610/05:00014331 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic) -- Slaviček, Karel (203 Czech Republic) -- Filka, Miloslav (203 Czech Republic)

Keywords in English: Communication; Medical Care; Efficiency

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/4/2010 11:26.

More: <https://is.muni.cz/auth/publication/597825/en>

59. [High-speed transfers and archivation of digital medical images-new medical and economical aspects](#)

[PETRENKO, Martin](#), [Otto DOSTÁL](#), [Pavel VENTRUBA](#) and Eva RAČANSKÁ. High-speed transfers and archivation of digital medical images-new medical and economical aspects. In *5th EURASIP Conference focused on Speech and Image Processing, Multimedia Communications and services*. Smolenice (Slovensko): Faculty of Electrical Engineering and Information Technology, 2005. p. 107-113. ISBN 80-227-2257-X.

Name in Czech: Vysokorychlostní přenosy a archivace digitálních obrazových informací - nové medicínské a ekonomické aspekty

RIV/00216224:14610/05:00014309 Proceedings paper. Use of computers, robotics and its application. English. Slovakia.

Petrenko, Martin (203 Czech Republic, guarantor) -- Dostál, Otto (203 Czech Republic) -- Ventruba, Pavel (203 Czech Republic) -- Račanská, Eva (203 Czech Republic)

Keywords in English: DICOM;Security; Distance learning

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 22/12/2005 16:18.

More: <https://is.muni.cz/auth/publication/596456/en>

60. [MeDiMed: a new platform for multimedial cooperation in medicine](#)

[DOSTÁL, Otto](#) and [Michal JAVORNÍK](#). MeDiMed: a new platform for multimedial cooperation in medicine. *Convergence : globálně o telekomunikacích*. Praha: CNG s. r. o., 2005, vol. 2005, No 11, p. 16-17. ISSN 1214-5785.

Name in Czech: MeDiMed - nová platforma pro multimedialní spolupráci v medicíně

RIV/00216224:14610/05:00014306 Article in a journal. Use of computers, robotics and its application. English. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic)

Keywords in English: multimedia; medicine

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 20/12/2005 12:39.

More: <https://is.muni.cz/auth/publication/596366/en>

61. [Metropolitan Digital Imaging System in Medicine](#)

[DOSTÁL, Otto](#) and [Michal JAVORNÍK](#). Metropolitan Digital Imaging System in Medicine. *Parliament Magazine*. London: Dod's Parliamentary Communications, 2005, vol. 210, No 2005, p. 64.

Name in Czech: Metropolitní digitální zobrazovací systém v Medicíně
RIV/00216224:14610/05:00014332 Article in a journal. Use of computers, robotics and its application. English. United Kingdom of Great Britain and Northern Ireland.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic)

Keywords in English: Imaging;Medicine

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 28/12/2005 15:10.

More: <https://is.muni.cz/auth/publication/597884/en>

62. [Projekt MeDiMed \(MeDiMed project\)](#)

[DOSTÁL, Otto](#) and [Michal JAVORNÍK](#). Projekt MeDiMed (MeDiMed project). *Zpravodaj ÚVT MU : bulletin pro zájemce o výpočetní techniku na Masarykově univerzitě*. Brno: MU v Brně, 2005, roč. XVI, No 2, p. 8-11. ISSN 1212-0901.

Name (in English): MeDiMed project

RIV/00216224:14610/05:00014307 Article in a journal. Use of computers, robotics and its application. Czech. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic)

Keywords in English: PACS; Educational; Research

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 20/12/2005 12:59.

More: <https://is.muni.cz/auth/publication/596384/en>

63. [Projekt MEDIMED - metropolitní PACS archiv v Brně \(Project MEDIMED - metropolitan PACS archive in Brno\)](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#), [Martin PETRENKO](#) and [Karel SLAVÍČEK](#). Projekt MEDIMED - metropolitní PACS archiv v Brně (Project MEDIMED - metropolitan PACS archive in Brno). In *Širokopásmové sítě a jejich nové aplikace*. Olomouc: UP Olomouc, 2005. p. 138-143. ISBN 80-244-1035-4.

Name (in English): Project MEDIMED - metropolitan PACS archive in Brno
RIV/00216224:14610/05:00014330 Proceedings paper. Use of computers, robotics and its application. Czech. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic) -- Slaviček, Karel (203 Czech Republic)

Keywords in English: PACS; medicine multimedia data

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 28/12/2005 09:41.

More: <https://is.muni.cz/auth/publication/597805/en>

64. [Regional educational and research centre for processing of medical image information](#)

[DOSTÁL, Otto](#) and [Michal JAVORNÍK](#). Regional educational and research centre for processing of medical image information. In *Computer Assisted Radiology and Surgery*. Berlin: Elsevier B.V., Amsterdam, 2005. p. 911-915. ISBN 0-444-51872-X.

Name in Czech: Regionální výukové a výzkumné centrum pro zpracování medicínské obrazové informace

RIV/00216224:14610/05:00013438 Proceedings paper. Use of computers, robotics and its application. English. Germany.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic)

Keywords in English: DICOM; Educational; Regional

International impact: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 9/4/2010 08:24.

More: <https://is.muni.cz/auth/publication/596705/en>

65. [Regionální řešení zpracovávání medicínských obrazových informací \(Regional solution for picture archiving and communication systems\)](#)

[DOSTÁL, Otto](#) and [Michal JAVORNÍK](#). Regionální řešení zpracovávání medicínských obrazových informací (Regional solution for picture archiving and communication systems). In *EurOpen*. Plzeň: Česká společnost uživatelů otevřených systémů EurOpen, 2005. p. 125-130. ISBN 80-86583-09-0.

Name (in English): Regional solution for picture archiving and communication systems

RIV/00216224:14610/05:00014312 Proceedings paper. Informatics. Czech. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic)

Keywords in English: DICOM; MeDiMed

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 20/12/2005 14:48.

More: <https://is.muni.cz/auth/publication/596465/en>

66. [Výuka v rámci projektu MeDiMed \(Education in the frame of project MeDiMed\)](#)

[JAVORNÍK, Michal](#) and [Otto DOSTÁL](#). Výuka v rámci projektu MeDiMed (Education in the frame of project MeDiMed). In *Mezinárodní kongres Telemedicína Brno 2005*. Brno: Radiologická společnost ČLS JEP, 2005. p. 27.

[URL](#)

Name (in English): Education in the frame of project MeDiMed

Keywords in English: PACS; DICOM; structured report

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 29/12/2005 13:29.

More: <https://is.muni.cz/auth/publication/597806/en>

67. [Výukový PACS na LF MU \(Educational PACS operated by LF MU\)](#)

[JAVORNÍK, Michal](#), [Otto DOSTÁL](#), [Pavel ANDRES](#), [Ladislav DUŠEK](#) and [Roman ŠMÍD](#). Výukový PACS na LF MU (Educational PACS operated by LF MU). In *BOD XXIX*. Brno: Masarykův onkologický ústav v Brně, 2005. p. 348-349. ISBN 80-86793-05-2.

Name (in English): Educational PACS operated by LF MU

RIV/00216224:14610/05:00014318 Proceedings paper. Use of computers, robotics and its application. Czech. Czech Republic.

Javorník, Michal (203 Czech Republic, guarantor) -- Dostál, Otto (203 Czech Republic) -- Andres, Pavel (203 Czech Republic) -- Dušek, Ladislav (203 Czech Republic) -- Šmíd, Roman (203 Czech Republic)

Keywords in English: DICOM; hypertext; medicine

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 22/12/2005 16:08.

More: <https://is.muni.cz/auth/publication/597164/en>

2004

68. [Development of Regional Centre for Medical Multimedia Data Processing](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#), [Karel SLAVÍČEK](#), [Martin PETRENKO](#) and [Pavel ANDRES](#).

Development of Regional Centre for Medical Multimedia Data Processing. In *Communications, Internet, and Information Technology*. St. Thomas (USA): ACTA Press, 2004. p. 632-636. ISBN 0-88986-445-4.

Name in Czech: Rozvoj regionálního centra zpracování medicínských obrazových dat

RIV/00216224:14610/04:00021260 Proceedings paper. Use of computers, robotics and its application. English. United States of America.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic) -- Andres, Pavel (203 Czech Republic)

Keywords in English: Research PACS; Case Study; Telemedicine

International impact: yes

Reviewed: yes

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 8/1/2008 09:35.

More: <https://is.muni.cz/auth/publication/562217/en>

69. [Management of Interhospital Processing of Medical Multimedia Data](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#) and [Karel SLAVÍČEK](#). Management of Interhospital Processing of Medical Multimedia Data. In *Contemporary Trends in Top Management Education: How to Accomodate Demand and Suplply*. Brno: B.I.B.S.,a.s., 2004. p. 70. ISBN 80-86575-74-8.

Name in Czech: Správa mezinemocničního zpracování lékařských multimediálních dat

RIV/00216224:14610/04:00021257 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Dostál, Otto (203 Czech Republic) -- Javorník, Michal (203 Czech Republic, guarantor) -- Slavíček, Karel (203 Czech Republic)

Keywords in English: HIS ; DICOM

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 8/1/2008 09:40.

More: <https://is.muni.cz/auth/publication/562169/en>

70. [MEDIMED - Regional PACS Centre in Brno](#)

SCHMIDT, Michal, [Otto DOSTÁL](#) and [Michal JAVORNÍK](#). MEDIMED - Regional PACS Centre in Brno. In *EuroPACS - MIR 2004*. Trieste-Italy: University of Trieste, 2004. p. 463 -465. ISBN 88-8303-150-4.

RIV: Proceedings paper. Use of computers, robotics and its application. English. Italy.

Schmidt, Michal (203 Czech Republic) -- Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic)

Keywords in English: PACS; DICOM; network

International impact: yes

Reviewed: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/4/2010 11:27.

More: <https://is.muni.cz/auth/publication/562151/en>

71. [New Possibilities of Multimedia Applications in Medicine](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Martin PETRENKO](#). New Possibilities of Multimedia Applications in Medicine. *ELMAR, IEEE Catalog Number 04EX815*. Zadar: Croatian Society Electronics in Marine, 2004, vol. 2004, June, p. 402-405. ISSN 1334-2630.

Name in Czech: Nové možnosti multimediálních aplikací v medicíně

RIV/00216224:14610/04:00010636 Article in a journal. Use of computers, robotics and its application. English. Croatia.

Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic)

Keywords in English: DICOM; PACS; modality

International impact: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/4/2010 11:37.

More: <https://is.muni.cz/auth/publication/562177/en>

72. [New trends in ethernet OAM](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Karel SLAVÍČEK](#). New trends in ethernet OAM. In *Telecommunications and Signal Processing TSP-2004*. Brno: VUT Brno, 2004. p. 259-262. ISBN 80-214-2684-5.

Name in Czech: Nové trendy OAM pro ethernet

RIV/00216224:14610/04:00021259 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Dostál, Otto (203 Czech Republic) -- Filka, Miloslav (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic, guarantor)

Keywords in English: Ethernet;OAM;802.3h

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/4/2010 11:39.

More: <https://is.muni.cz/auth/publication/562208/en>

73. [Prenosové kapacity pre rozvoj a spracovanie obrazových medicínských informácií \(Transmission Capacities for Evolution and Processing Image Medical Informations\)](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Karel SLAVÍČEK](#). Prenosové kapacity pre rozvoj a spracovanie obrazových medicínských informácií (Transmission Capacities for Evolution and Processing Image Medical Informations). In *10th International Scientific Conference COFAX-Telekomunikácie 2004*. Bratislava: D&Dstudio Bratislava, 2004. p. 125-128. ISBN 80-967019-6-7.

Name in Czech: Přenosové kapacity pro rozvoj a zpracování medicínských obrazových informací

Name (in English): Transmission Capacities for Evolution and Processing Image Medical Informations

RIV/00216224:14610/04:00021256 Proceedings paper. Use of computers, robotics and its application. Slovak. Slovakia.

Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech Republic) -- Slaviček, Karel (203 Czech Republic)

Keywords in English: PACS;MEDIMED;network

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 10/4/2010 11:41.

More: <https://is.muni.cz/auth/publication/562159/en>

74. [Vysokorychlostní přenosy a archivace digitálních medicínských obrazových dat. \(High-speed transfers and archivation of medical digital image data\)](#)

[PETRENKO, Martin](#), [Pavel VENTRUBA](#), [Otto DOSTÁL](#), [Jiří NAVRÁTIL](#), [Petr JANKŮ](#) and [Robert HUDEČEK](#). *Vysokorychlostní přenosy a archivace digitálních medicínských obrazových dat. (High-speed transfers and archivation of medical digital image data)*. Brno, 2004.

Name in Czech: Vysokorychlostní přenosy a archivace digitálních medicínských obrazových dat

Name (in English): High-speed transfers and archivation of medical digital image data

Gynaecology and obstetrics. Czech. Czech Republic.

Changed by: MUDr. Martin Petrenko, CSc., učo 31215. *Changed:* 31/5/2005 23:35.

More: <https://is.muni.cz/auth/publication/571947/en>

2003

75. [MEDIMED-Regional Centre for Archiving and Interhospital Exchange of Medicine Multimedia Data](#)

[DOSTÁL, Otto](#), [Michal JAVORNÍK](#), [Karel SLAVÍČEK](#) and [Martin PETRENKO](#). MEDIMED-Regional Centre for Archiving and Interhospital Exchange of Medicine Multimedia Data. In *Proceedings of the Second IASTED International Conference on Communications, Internet, and Information Technology*. Scottsdale, Arizona, USA: International Association of Science and Technology for Development- IASTED, 2003. p. 609-614. ISBN 0-88986-398-9.

Name (in English): MEDIMED-Regional Centre for Archiving and Interhospital Exchange of Medicine Multimedia Data

RIV/00216224:14610/03:00009298 Proceedings paper. Use of computers, robotics and its application. English. United States of America.

Dostál, Otto (203 Czech Republic, guarantor) -- Javorník, Michal (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic)

Keywords in English: PACS; Archiving; Exchange; Medicine; Data

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/12/2003 15:15.

More: <https://is.muni.cz/auth/publication/491157/en>

76. [Obrazové informace v medicíně v roce 2003 \(Image information in medicine\)](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Martin PETRENKO](#). Obrazové informace v medicíně v roce 2003 (Image information in medicine). In 9. *Mezinárodní vědecká konference Telekomunikácie 2003*. Bratislava: D&D Studio Bratislava, 2003. p. 317/318, 2 pp. ISBN 80-967019-4-0.

Name (in English): Image information in medicine

RIV/00216224:14610/03:00009307 Proceedings paper. Use of computers, robotics and its application. English. Slovakia.

Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic)

Keywords in English: PACS; Image; Medicine

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 11/12/2003 16:17.

More: <https://is.muni.cz/auth/publication/491224/en>

77. [Transport of IP protocol over SDH network](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Karel SLAVÍČEK](#). Transport of IP protocol over SDH network. In 26 *International Conference - Telecommunications and signal processing TSP - 2003*. Brno: VUT Brno, 2003. p. 28-33. ISBN 80-214-2433-8.

RIV/00216224:14610/03:00009300 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic)

Keywords in English: protocol; ATM; POS; Ethernet; SDH

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 11/12/2003 12:01.

More: <https://is.muni.cz/auth/publication/491194/en>

78. [University computer network and its application for multimedia transmission in medicine](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Martin PETRENKO](#). University computer network and its application for multimedia transmission in medicine. *WSEAS TRANSACTIONS on SYSTEMS*. Rio de Janeiro, 2003, 2/2003, January, p. 148-150. ISSN 1109-2777.

RIV/00216224:14610/03:00009305 Article in a journal. Use of computers, robotics and its application. English. Brazil.

Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic)

Keywords in English: network; WDM PACS

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 11/12/2003 13:43.

More: <https://is.muni.cz/auth/publication/491214/en>

79. [Využití vysokorychlostní sítě pro potřebu medicínských aplikací \(Usage of high speed network for medicine applications\)](#)

[DOSTÁL, Otto](#), [Karel SLAVÍČEK](#) and [Martin PETRENKO](#). Využití vysokorychlostní sítě pro potřebu medicínských aplikací (Usage of high speed network for medicine applications). In *Sborník příspěvků Širokopásmové sítě a jejich aplikace*. Olomouc: Univerzita Palackého v Olomouci, 2003. p. 70-74. ISBN 80-244-0642-X.

*Name (in English): Usage of high speed network for medicine applications
RIV/00216224:14610/03:00009297 Proceedings paper. Use of computers,
robotics and its application. Czech. Czech Republic.*

Dostál, Otto (203 Czech Republic, guarantor) -- Slavíček, Karel (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic)

Keywords in English: network; PACS; DICOM

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 11/12/2003 13:54.

More: <https://is.muni.cz/auth/publication/491148/en>

80. [Výzkum digitálních knihoven na MU Brno \(Digital Libraries Research at the Masaryk University in Brno\)](#)

[BARTOŠEK, Miroslav](#), [Otto DOSTÁL](#), [Jana KOHOUTKOVÁ](#) and [Petr PIŠTĚK](#). Výzkum digitálních knihoven na MU Brno (Digital Libraries Research at the Masaryk University in Brno). In *INFOS 2003. 32. medzinárodné informatické sympóziu*. Bratislava: Spolok slovenských knihovníkov, 2003. p. 76-84. ISBN 80-85165-86-4.

*Name (in English): Digital Libraries Research at the Masaryk University in Brno
RIV/00216224:14610/03:00008648 Proceedings paper. Computer hardware and
software. Czech. Slovakia.*

Bartošek, Miroslav (203 Czech Republic, guarantor) -- Dostál, Otto (203 Czech Republic) -- Kohoutková, Jana (203 Czech Republic) -- Pištěk, Petr (203 Czech Republic)

*Keywords in English: digitální knihovny; výzkum; Masarykova univerzita;
MeDiMed*

Changed by: RNDr. Miroslav Bartošek, CSc., učo 930. Changed: 10/4/2003 14:01.

More: <https://is.muni.cz/auth/publication/485900/en>

2002

81. [First Application of Picture Archiving and Communication System \(PACS\) in Gynecologic Endoscopy](#)

[PETRENKO, Martin](#), [Pavel VENTRUBA](#) and [Otto DOSTÁL](#). First Application of Picture Archiving and Communication System (PACS) in Gynecologic Endoscopy. In *ISGE - 6th Regional Meeting*. Bangkok: ISGE, 2002. p. 53-56.

*RIV/00216224:14110/02:00006726 Proceedings paper. Gynaecology and
obstetrics. English. Thailand.*

Petrenko, Martin (203 Czech Republic, guarantor) -- Ventruba, Pavel (203 Czech Republic) -- Dostál, Otto (203 Czech Republic)

Keywords in English: medical picture; archiving ; endoscopic cameras

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 11/12/2003 12:30.

More: <https://is.muni.cz/auth/publication/406723/en>

82. [Metropolitní archiv medicínských obrazových informací](#)

[DOSTÁL, Otto](#) and [Michal JAVORNÍK](#). Metropolitní archiv medicínských obrazových informací. *Zpravodaj ÚVT MU : bulletin pro zájemce o výpočetní techniku na Masarykově univerzitě*. Brno: MU v Brně, 2002, XII, No 5, p. 14-17. ISSN 1212-0901.

Use of computers, robotics and its application. Czech. Czech Republic.
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 28/6/2002 11:19.

More: <https://is.muni.cz/auth/publication/404349/en>

83. [Multimedia Communication Transmission in Medicine](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Martin PETRENKO](#). Multimedia Communication Transmission in Medicine. In *PROCEEDINGS VIPromCom-2002*. Zadar (Croatia): Croatian Society Electronics in Marine - ELMAR, Zadar, Croatia, 2002. p. 53-55. ISBN 953-7044-01-7.

RIV/00216224:14110/02:00006160 Proceedings paper. Use of computers, robotics and its application. English. Croatia.
Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic)
Keywords in English: Telemedicine; PACS
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 26/6/2009 10:03.

More: <https://is.muni.cz/auth/publication/404248/en>

84. [Network infrastructure for transport of medicine video data](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Karel SLAVÍČEK](#). Network infrastructure for transport of medicine video data. In *Telecommunication and Signal Processing TSP 2002*. Brno: Brno University of Technology, 25 International Conference, 2002. p. 13-16. ISBN 80-214-2172-X.

RIV/00216224:14330/02:00006543 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.
Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech Republic) -- Slaviček, Karel (203 Czech Republic)
Keywords in English: Network; Multimedia; Medicine
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 1/12/2002 17:03.

More: <https://is.muni.cz/auth/publication/405957/en>

85. [Nové trendy v telemedicině \(New trends in Telemedicine\)](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Martin PETRENKO](#). Nové trendy v telemedicině (New trends in Telemedicine). In *8 International Scientific Conference COFAX - Telekomunikácie 2002*. Bratislava: ADAPT Bratislava, 2002. p. 201-203. ISBN 80-967019-5-9.

Name (in English): New trends in Telemedicine
RIV: Proceedings paper. Use of computers, robotics and its application. English. Slovakia.
Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech

Republic) -- Petrenko, Martin (203 Czech Republic)
Keywords in English: Telemedicine; Computer network
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 8/12/2004 12:33.

More: <https://is.muni.cz/auth/publication/404297/en>

86. [První krok k integraci endoskopie do nemocničního systému PACS](#)

[PETRENKO, Martin](#), [Pavel VENTRUBA](#), [Otto DOSTÁL](#) and [Igor CRHA](#). První krok k integraci endoskopie do nemocničního systému PACS. In *Sborník abstrakt ze 4. mezinárodního kongresu gynekologické endoskopie*. Praha, 2002. p. 33.

Gynaecology and obstetrics. Czech. Czech Republic.
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 1/12/2002 16:07.

More: <https://is.muni.cz/auth/publication/406720/en>

87. [První krok k integraci endoskopie do nemocničního systému PACS](#)

[PETRENKO, Martin](#), [Pavel VENTRUBA](#) and [Otto DOSTÁL](#). První krok k integraci endoskopie do nemocničního systému PACS. In *Sborník abstrakt ze 4. mezinárodního kongresu gynekologické endoskopie*. Praha, 2002. p. 33.

Gynaecology and obstetrics. Czech. Czech Republic.
Changed by: prof. MUDr. Pavel Ventruba, DrSc., MBA, učo 1779. Changed: 23/3/2005 13:25.

More: <https://is.muni.cz/auth/publication/404352/en>

88. [Some Security Aspects of Picture Archiving and Communication System in The Environment of More Hospitals](#)

[DOSTÁL, Otto](#) and Javorník MICHAL. Some Security Aspects of Picture Archiving and Communication System in The Environment of More Hospitals. In *Transformation of CEEC Economies tu EU Standards*. Brno - Trento (Italy): MSD, spol s r.o., 2002. p. 49-52. ISBN 80-86510-27-1.

RIV/00216224:14330/02:00006165 Proceedings paper. Use of computers, robotics and its application. English. Italy.
Dostál, Otto (203 Czech Republic, guarantor) -- Michal, Javorník (203 Czech Republic)
Keywords in English: DICOM; modality; PACS
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 24/6/2002 15:34.

More: <https://is.muni.cz/auth/publication/404254/en>

89. [Telemedicína v Brně \(Telemedicine in Brno\)](#)

[DOSTÁL, Otto](#) and Vladimír KOVÁŘ. Telemedicína v Brně (Telemedicine in Brno). In *Sborník příspěvků MEDSOFT 2002*. Hradec Králové: TECH-MARKET Praha, 2002. p. 82-85. MEDSOFT. ISBN 80-86114-44-9.

Name (in English): Telemedicine in Brno
RIV/00216224:14330/02:00006174 Proceedings paper. Use of computers, robotics and its application. Czech. Czech Republic.
Dostál, Otto (203 Czech Republic, guarantor) -- Kovář, Vladimír (203 Czech Republic)
Keywords in English: computer network; modality; medicine
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 25/6/2002 08:57.

More: <https://is.muni.cz/auth/publication/404295/en>

90. [University computer network and its application for multimedia transmission in medicine](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Martin PETRENKO](#). University computer network and its application for multimedia transmission in medicine. In *WSEAS Int. Conf. on Information Security, Hardware/Software Codesign, E-Commerce and Computer Networks*. Rio de Janeiro, Brazil: WSEAS org., 2002. p. 1961-1964. ISBN 960-8052-74-9.

RIV/00216224:14110/02:00006783 Proceedings paper. Use of computers, robotics and its application. English. Brazil.
Dostál, Otto (203 Czech Republic, guarantor) -- Filka, Miloslav (203 Czech Republic) -- Petrenko, Martin (203 Czech Republic)
Keywords in English: PACS; medicine; images;
Changed by: Vilém Lepil, učo 81432. Changed: 28/5/2003 21:20.

More: <https://is.muni.cz/auth/publication/406871/en>

91. [Využití digitálních obrazových dat v reprodukční gynekologii](#)

[PETRENKO, Martin](#), [Pavel VENTRUBA](#), [Otto DOSTÁL](#) and [Igor CRHA](#). Využití digitálních obrazových dat v reprodukční gynekologii. In *Česko- Slovenská konference reprodukční gynekologie a 12. symposium asistované reprodukce*. Brno: FN Brno, 2002. p. 17.

Gynaecology and obstetrics. Czech. Czech Republic.
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 1/12/2002 16:59.

More: <https://is.muni.cz/auth/publication/406724/en>

2001

92. [First Experiences with Picture Archiving and Communication System in Brno Hospitals](#)

[PETRENKO, Martin](#), [Otto DOSTÁL](#), [Pavel VENTRUBA](#) and Miloslav FILKA. First Experiences with Picture Archiving and Communication System in Brno Hospitals. In *IEEE Region 8, EUROCON" 2001, INTERNATIONAL CONFERENCE ON TRENDS IN COMMUNICATIONS*. Bratislava: Zdruzenie J.M., 2001. p. 17-19. VOLUME 1/2. ISBN 0-7803-6490-2.

RIV: Proceedings paper. Use of computers, robotics and its application. English. Slovakia.
Keywords in English: PACS; DICOM; HOSPITALS
Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 18/7/2001 17:26.

More: <https://is.muni.cz/auth/publication/366178/en>

93. [First Experiences with Picture Archiving and Communication Systems \(PACS\)In Gynecology](#)

PETRENKO, Martin, [Otto DOSTÁL](#) and [Pavel VENTRUBA](#). First Experiences with Picture Archiving and Communication Systems (PACS)In Gynecology. *ISRAEL JOURNAL OF OBSTETRICS AND GYNECOLOGY*. Tel Aviv (ISRAEL): Menachem HorowitzPublishing, Tel Aviv, 2001, vol. 2000, No 3, p. 128-130. ISSN 0792-4569.

RIV: Article in a journal. Computer hardware and software. English. Israel.

Keywords in English: Picture archiving information system; ultrasound

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 17/7/2001 14:56.

More: <https://is.muni.cz/auth/publication/366157/en>

94. [Image Information Processing in Medicine](#)

[DOSTÁL, Otto](#). Image Information Processing in Medicine. In *Transformation of CEEC Economies to EU Standards*. BRNO - TRENTO (ITALY): FP VUT Brno, 2001. p. 3-8. ISBN 80-86510-00-X.

RIV/00216224:14330/01:00006004 Proceedings paper. Use of computers, robotics and its application. English. Italy.

Dostál, Otto (203 Czech Republic, guarantor)

Keywords in English: Metropolitan networks; PACS

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 27/6/2002 17:24.

More: <https://is.muni.cz/auth/publication/366158/en>

95. [Metropolitní optická počítačová síť v roce 2001](#)

[DOSTÁL, Otto](#). Metropolitní optická počítačová síť v roce 2001. *Zpravodaj ÚVT MU : bulletin pro zájemce o výpočetní techniku na Masarykově univerzitě*. Brno: MU v Brně, 2001, roč. XI, No 4. ISSN 1212-0901.

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 23/7/2001 08:59.

More: <https://is.muni.cz/auth/publication/366231/en>

96. [MPLS in Practise - The New Backbone of NREN](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Karel SLAVÍČEK](#). MPLS in Practise - The New Backbone of NREN. In *TELECOMMUNICATIONS AND SIGNAL PROCESSING - TSP 2001*. Brno: UTKO VUT ,ESS, 2001. p. 49-52. ISBN 80-214-1962-8.

Name in Czech: MPLS v praxi

RIV/00216224:14610/01:00021127 Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Dostál, Otto (203 Czech Republic) -- Filka, Miloslav (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic, guarantor)

Keywords in English: Czech national research network; Backbone; MPLS

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. Changed: 8/1/2008 10:04.

More: <https://is.muni.cz/auth/publication/368532/en>

97. [Multimediální komunikační přenosy v medicíně \(Multimedia Communication Transfers in Medicine\)](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Martin PETRENKO](#). Multimediální komunikační přenosy v medicíně (Multimedia Communication Transfers in Medicine). In *Telekomunikácie 2001*. Bratislava: ADAPT Bratislava, 2001. p. 117-120. ISBN 80-96-80-42-3-5.

Name (in English): Multimedia Communication Transfers in Medicine
RIV/00216224:14610/01:00009813 Proceedings paper. Use of computers, robotics and its application. Czech. Slovakia.

Keywords in English: Multimedia Transfer

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 17/8/2001 15:54.

More: <https://is.muni.cz/auth/publication/366833/en>

98. [Technické a forezní aspekty obrazové dokumentace komplikací v endoskopii \(Technical and forenz aspects of image documentation of complitations in endoscopy\)](#)

[PETRENKO, Martin](#), [Pavel VENTRUBA](#), [Otto DOSTÁL](#) and Miloslav FILKA. *Technické a forezní aspekty obrazové dokumentace komplikací v endoskopii (Technical and forenz aspects of image documentation of complitations in endoscopy)*. Luhačovice: Česká gynekologická a porodnická společnost ČLS JEP, 2001. 1 pp. ISBN 80-238-7755-0.

Name (in English): Technical and forenz aspects of image documentation of complitations in endoscopy

RIV/00216224:14610/01:00009817 Research report. Gynaecology and obstetrics. Czech. Czech Republic.

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 20/12/2001 10:29.

More: <https://is.muni.cz/auth/publication/381291/en>

2000

99. [Multimediální přenosy v medicíně \(Multimedial Transfer in Medicine\)](#)

[DOSTÁL, Otto](#), [Martin PETRENKO](#) and Miloslav FILKA. Multimediální přenosy v medicíně (Multimedial Transfer in Medicine). In *Sborník mezinárodní konference COFAX*. Bratislava: ADAPT, Bratislava, 2000. p. 140-143. ISBN 80-968042-7-8.

Name (in English): Multimedial Transfer in Medicine

RIV/00216224:14610/00:00009790 Proceedings paper. Computer hardware and software. Czech. Slovakia.

Keywords in English: multimedia; medicine; data transfer

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 16/5/2000 11:05.

More: <https://is.muni.cz/auth/publication/314751/en>

100. [Obrazové informace v nemocnicích \(Image information in hospitals\)](#)

[DOSTÁL, Otto](#) and Michal SCHMIDT. Obrazové informace v nemocnicích (Image information in hospitals). In *INFORMIX FORUM*. Praha: Informix Software s.r.o., 2000. p. 82-85.

Name (in English): Image information in hospitals

Keywords in English: PACS DICOM RIS NIS

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 23/7/2001 11:14.

More: <https://is.muni.cz/auth/publication/366204/en>

101. [Picture archiving and communication systems](#)

[PETRENKO, Martin](#), [Otto DOSTÁL](#) and Miloslav FILKA. Picture archiving and communication systems. In *Telecommunications and Signal Processing - TSP 2000*. Brno: Dept. of Telecommunications Electrical Engineering Society, 2000. p. 25-27. ISBN 80-7204-161-4.

RIV: Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Keywords in English: Images; Network; Medicine

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 18/7/2001 16:47.

More: <https://is.muni.cz/auth/publication/366179/en>

102. [Přenos a archivace obrazu prostřednictvím optické sítě \(Transfer and Archiving of Images using Optical Network\)](#)

[DOSTÁL, Otto](#) and Miloslav FILKA. Přenos a archivace obrazu prostřednictvím optické sítě (Transfer and Archiving of Images using Optical Network). In *Optické komunikace O.K. 2000*. Praha: Tech-Market Praha, 2000. p. 72-76. ISBN 80-86114-36-8.

Name (in English): Transfer and Archiving of Images using Optical Network
RIV/00216224:14610/00:00009812 Proceedings paper. Optics, masers and lasers. Czech. Czech Republic.

Keywords in English: optical network; images; medicine

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 18/7/2001 17:15.

More: <https://is.muni.cz/auth/publication/366185/en>

103. [Sharing von Bildinformationen Zwischen den Krankenhausern der Stadt Brno \(Image information sharing among Brno city hospitals\)](#)

[DOSTÁL, Otto](#). Sharing von Bildinformationen Zwischen den Krankenhausern der Stadt Brno (Image information sharing among Brno city hospitals). In *Referatssammlung - Kooperationsnetzwerkes Europaischer Mittelstadte*. St. Polten (OSTERREICH): Buro des Kooper. Eur. Mittels. St. Polten, 2000. p. 76-79.

Name (in English): Image information sharing among Brno city hospitals

RIV: Proceedings paper. Use of computers, robotics and its application. German. Austria.

Keywords in English: Image information; medicine

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 5/8/2001 14:52.

More: <https://is.muni.cz/auth/publication/366177/en>

104. [Experimental PABXs traffic in ATM networks](#)

[DOSTÁL, Otto](#), Miloslav FILKA, [Karel SLAVÍČEK](#) and Karol MOLNÁR. Experimental PABXs traffic in ATM networks. In *Sborník mez. konference COFAX*. Bratislava: DT Bratislava, 1999. p. 57-60. ISBN 80-233-0429-1.

Name in Czech: Experimentální ústřednový provoz v ATM síti

RIV/00216224:14610/99:00021108 Proceedings paper. Use of computers, robotics and its application. English. Slovakia.

Dostál, Otto (203 Czech Republic) -- Filka, Miloslav (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic, guarantor) -- Molnár, Karol (203 Czech Republic)

Keywords in English: PABX; traffic

Changed by: doc. Mgr. Karel Slavíček, Ph.D., učo 1158. *Changed:* 8/1/2008 10:12.

More: <https://is.muni.cz/auth/publication/251734/en>

105. [Videoconference using ATM in medicine](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Karel SLAVÍČEK](#). Videoconference using ATM in medicine. In *Telecommunications and Signal Processing TSP 99*. Brno: FEI VUT BRNO, 1999. p. 195-197. ISBN 80-214-1154-6.

Name in Czech: ATM videokonference v medicíně

RIV: Proceedings paper. Use of computers, robotics and its application. English. Czech Republic.

Dostál, Otto (203 Czech Republic) -- Filka, Miloslav (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic, guarantor)

Keywords in English: ATM technology; medicine

International impact: yes

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 10/4/2010 12:07.

More: <https://is.muni.cz/auth/publication/251711/en>

1998

106. [ATM síť Brněnských vysokých škol \(ATM network of Brno universities\)](#)

FILKA, Miloslav, [Otto DOSTÁL](#) and [Karel SLAVÍČEK](#). ATM síť Brněnských vysokých škol (ATM network of Brno universities). In *Sborník přednášek celostátní konference s mezinárodní účastí TELEKOMUNIKACE 98*. Brno: VUT Brno, 1998. p. 35-37. ISBN 80-214-1140-6.

Name (in English): ATM network of Brno universities

RIV: Proceedings paper. Use of computers, robotics and its application. Czech. Czech Republic.

Filka, Miloslav (203 Czech Republic) -- Dostál, Otto (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic, guarantor)

Keywords in English: ATM; fiber optics

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. *Changed:* 10/4/2010 12:12.

More: <https://is.muni.cz/auth/publication/366229/en>

107. [Brněnská akademická ATM síť \(Brno academic ATM network\)](#)

[DOSTÁL, Otto](#), Miloslav FILKA and [Karel SLAVÍČEK](#). Brněnská akademická ATM síť (Brno academic ATM network). In *Sborník mez. konference COFAX*. Bratislava: DT Bratislava, 1998. p. 79-82. ISBN 80-233-0405-4.

Name (in English): Brno academic ATM network

RIV/00216224:14610/98:00009787 Proceedings paper. Use of computers, robotics and its application. Czech. Slovakia.

Dostál, Otto (203 Czech Republic) -- Filka, Miloslav (203 Czech Republic) -- Slavíček, Karel (203 Czech Republic, guarantor)

Keywords in English: ATM technology

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/4/2010 12:19.

More: <https://is.muni.cz/auth/publication/251691/en>

108. [Metropolitní síť versus současná legislativa](#)

[DOSTÁL, Otto](#). Metropolitní síť versus současná legislativa. *Zpravodaj UVT MU*. MU, 1998, vol. 1998, 1998r.VIII, p. 9-11.

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 19/7/2001 15:24.

More: <https://is.muni.cz/auth/publication/366203/en>

109. [Připojení ATM sítě brněnských vysokých škol na republikovou páteř TEN 34-CZ \(Interconnecting ATM network of Brno universities to TEN-34 national backbone\)](#)

FILKA, Miloslav, [Otto DOSTÁL](#) and Pavel ŠMRHA. Připojení ATM sítě brněnských vysokých škol na republikovou páteř TEN 34-CZ (Interconnecting ATM network of Brno universities to TEN-34 national backbone). In *Telekomunikace 98*. Brno: FEI VUT Brno, 1998. p. 35-37. ISBN 80-214-1140-6.

Name (in English): Interconnecting ATM network of Brno universities to TEN-34 national backbone

RIV/00216224:14610/98:00009786 Proceedings paper. Use of computers, robotics and its application. Czech. Czech Republic.

Filka, Miloslav (203 Czech Republic) -- Dostál, Otto (203 Czech Republic)

Keywords in English: data; transfer

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 10/4/2010 12:21.

More: <https://is.muni.cz/auth/publication/251671/en>

1997

110. [Brněnská metropolitní akademická počítačová síť](#)

[DOSTÁL, Otto](#). Brněnská metropolitní akademická počítačová síť. *Zpravodaj ÚVT MU*. Brno: MU BRNO, 1997, 1997 r.VII, No 3, p. 6-9. ISSN 1212-0901.

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 19/7/2001 15:20.

More: <https://is.muni.cz/auth/publication/366202/en>

1996

111. [Instalace sítí LAN a WAN \(Construction of LAN and WAN networks\)](#)

[DOSTÁL, Otto](#) and Miloslav FILKA. Instalace sítí LAN a WAN (Construction of LAN and WAN networks). In *Optické komunikace*. Praha: Tech-Market, 1996. p. 104-107.

Name (in English): Construction of LAN and WAN networks

RIV/00216224:14610/96:00009785 Proceedings paper. Use of computers, robotics and its application. Czech. Czech Republic.

Dostál, Otto (203 Czech Republic) -- Filka, Miloslav (203 Czech Republic)

Keywords in English: data; transfer

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 21/3/2000 14:21.

More: <https://is.muni.cz/auth/publication/251631/en>

112. [Instalace sítí LAN a WAN](#)

[DOSTÁL, Otto](#) and Miloslav FILKA. Instalace sítí LAN a WAN. In *Konference Optické komunikace*. Praha: Tech.- Market, 1996. p. 104-107.

Changed by: doc. Ing. Otto Dostál, CSc., učo 2535. Changed: 20/7/2001 16:12.

More: <https://is.muni.cz/auth/publication/366201/en>

1995

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