

Complete list of publications according to the citation standard ČSN ISO 960

February 2022

[Ing. Vladimír Schindler, Ph.D.](#)

**2021**

1. [Current Challenges in the Educational Usage of 3D Printing in Primary and Secondary Schools](#)

[MALINKA, Kamil](#) and [Vladimír SCHINDLER](#). Current Challenges in the Educational Usage of 3D Printing in Primary and Secondary Schools. In Theo Bastiaens. *Proceedings of EdMedia + Innovate Learning*. United States: Association for the Advancement of Computing in Education (AACE), 2021. p. 88-96. ISBN 978-1-939797-56-8.

[URL](#)

*RIV: Proceedings paper. English. United States of America.*

*Malinka, Kamil (203 Czech Republic, guarantor, belonging to the institution) -- Schindler, Vladimír (203 Czech Republic, belonging to the institution)*

*Keywords in English: 3D print; education*

*Type of proceedings: post-proceedings*

*International impact: yes*

*Reviewed: yes*

*Changed by: Mgr. Kamil Malinka, Ph.D., učo 49967. Changed: 14/9/2021 09:27.*

More: <https://is.muni.cz/auth/publication/1788182/en>

**2014**

2. [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>

## 2013

3. [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>

4. [Influence of the TCP packet setting and encryption for data transfer in medical applications](#)

[SCHINDLER, Vladimír](#) and [Aleš ROČEK](#). Influence of the TCP packet setting and encryption for data transfer in medical applications. In Nikos Mastorakis. *Recent Advances in Circuits, Systems, Telecommunications & Control*. Paris, FR: WSEAS Press, 2013. p. 96-101. ISBN 978-960-474-341-4.

*Name in Czech:* Simulace vlivů nastavení TCP paketu a šifrování na rychlost přenosu dat v medicínských aplikacích

*Name (in English):* Influence of the TCP packet setting and encryption for data transfer in medical applications

RIV/00216224:14610/13:00065539 Proceedings paper.  
Informatics. English. Greece.  
Schindler, Vladimír (203 Czech Republic, guarantor, belonging to the institution) -- Roček, Aleš (203 Czech Republic, belonging to the institution)  
Keywords in English: MSS Medical applications MeDiMed MTU IPsec Iperf PACS  
Type of proceedings: post-proceedings  
International impact: yes  
Reviewed: yes  
Changed by: Mgr. Marta Novotná Buršíková, učo 15689. Changed: 3/4/2017 09:59.

More: <https://is.muni.cz/auth/publication/1163344/en>

5. [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>

6. [The possibilities of using single-board computers for medical data transmission security](#)

[SCHINDLER, Vladimír](#) and [Aleš ROČEK](#). The possibilities of using single-board computers for medical data transmission security. *Przegląd Elektrotechniczny*. Wydawnictwo Czasopism i Książek Technicznych Sigma NOT, 2013, vol. 2013, No 6, p. 56-60. ISSN 0033-2097.

[URL](#)

*Name in Czech:* Možnosti použití jednodeskových počítačů pro zabezpečení přenosu medicínských dat

*Name (in English):* The possibilities of using single-board computers for medical data transmission security

*RIV/00216224:14610/13:00065540 Article in a journal.*

*Informatics. English. Poland.*

*Schindler, Vladimír (203 Czech Republic) -- Roček, Aleš (203 Czech Republic, guarantor, belonging to the institution)*

*Keywords in English: MeDiMed; PACS; single-board PC; embedded linux*

*International impact: yes*

*Reviewed: yes*

*Changed by: Mgr. Alena Mokrá, učo 362754. Changed: 18/4/2018 17:16.*

*More: <https://is.muni.cz/auth/publication/1163351/en>*

## 2010

7. [Měření vlastností a parametrů optických vláken a kabelů pomocí metody OTDR \(Optical fibers measurement with OTDR\)](#)

[SCHINDLER, Vladimír](#). Měření vlastností a parametrů optických vláken a kabelů pomocí metody OTDR (Optical fibers measurement with OTDR). *Sdělovací technika : telekomunikace, elektronika, multimédia*. Praha: Sdělovací technika, 2010, vol. 58, No 8, p. 15-17. ISSN 0036-9942.

*Name in Czech:* Měření vlastností a parametrů optických vláken a kabelů pomocí metody OTDR

*Name (in English):* Optical fibers measurement with OTDR

*Sensors, detecting elements, measurement and regulation. Czech. Czech Republic.*

*Keywords in English: FTB-400, OTDR, RFTS*

*Changed by: Ing. Vladimír Schindler, Ph.D., učo 160298. Changed: 14/3/2014 14:42.*

*More: <https://is.muni.cz/auth/publication/1091381/en>*

## 2009

8. [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>*

9. [Hlasová síť Masarykovy univerzity](#)

[SCHINDLER, Vladimír](#). Hlasová síť Masarykovy univerzity. *Zpravodaj ÚVT MU : bulletin pro zájemce o výpočetní techniku na Masarykově univerzitě*. Brno: MU v Brně, 2009, vol. 19. ISSN 1212-0901.

*Changed by: Ing. Vladimír Schindler, Ph.D., učo 160298. Changed: 15/3/2013 11:24.*

*More: <https://is.muni.cz/auth/publication/1091386/en>*

10. [Monitorování optických tras Akademické počítačové sítě v Brně](#)

[SCHINDLER, Vladimír](#). Monitorování optických tras Akademické počítačové sítě v Brně. *Elektrorevue*. Brno(CZ): FEKT VUT Brno, 2009, vol. 2009, No 58, p. 15-17. ISSN 1213-1539.

[URL](#)

*Changed by: Ing. Vladimír Schindler, Ph.D., učo 160298. Changed: 15/3/2013 11:20.*

*More: <https://is.muni.cz/auth/publication/1091385/en>*

**2007**

11. [Použití kryptografických metod v medicínských aplikacích \(Using the cryptographical methods in the medical applications\)](#)

[SCHINDLER, Vladimír](#). Použití kryptografických metod v medicínských aplikacích (Using the cryptographical methods in the medical applications). *Elektrorevue*. Brno(CZ): FEKT VUT Brno, 2007, vol. 2007, No 23, 5 pp. ISSN 1213-1539.

*Name in Czech:* Použití kryptografických metod v medicínských aplikacích

*Name (in English):* Using the cryptographical methods in the medical applications

*Keywords in English:* MeDiMed, medical applications, cryptography, eToken, Cisco PIX

*Changed by:* Ing. Vladimír Schindler, Ph.D., učo 160298. *Changed:* 15/3/2013 11:13.

*More:* <https://is.muni.cz/auth/publication/1091382/en>

**2004**

12. [Optical fibers control system](#)

[SCHINDLER, Vladimír](#) and Miloslav FILKA. Optical fibers control system. In 27 *International Conference - Telecommunications and signal processing TSP - 2004*. Brno: VUT Brno, 2004. p. 197-200. ISBN 80-214-2684-5.

*English.*

*Keywords in English:* OTDR;RFTS;FTB-400;

*Changed by:* Ing. Vladimír Schindler, Ph.D., učo 160298. *Changed:* 30/11/2004 11:17.

*More:* <https://is.muni.cz/auth/publication/561771/en>