

Publikationen

Aktuelle Publikationen

Otte A, Erens O (Hrsg.). Geschichte(n) der Medizin, Band 2. Gentner Verlag, Stuttgart, 1. Auflage 2015, ISBN 978-3-87247-770-5.

Erens O., Otte A.: Geschichte(n) der Medizin, Gentner Verlag, Stuttgart, 2014.

<http://www.hs-offenburg.de/aktuell/pressemitteilungen/detailansicht/archive/2014/october/article/geschichten-der-medizin/>

Otte A.; Nicolò Paganini: Teufelsgeiger durch abnorme Hände? – Neue Untersuchungen eines Bronzegipsabgusses der rechten Hand. [Nicolò Paganini: Devil's violinist because of abnormal hands? – New investigations using a bronze cast from the right hand]. Arch Krim 2014; 233 (5+6): 181-191.

Peer Reviewed

1. Valentin Ortega Clavero, Andreas Weber, Werner Schröder, Dan Curticapean: Potential use of the characteristic Raman lines of toluene (C₇H₈) as a reference on the spectral analysis of fuel blends; SPIE Optical Metrology, Optical Measurement Systems for Industrial Inspection; München 2015.
2. Dieter Riemann, Christoph Nissen, Laura Palagini, Michael L. Perlis, Kai Spiegelhalter: The neurobiology, investigation, and treatment of chronic insomnia; Lancet Neurology 2015; 14(5); 547-558.
<http://www.thelancet.com/journals/lanneur/article/PIIS1474-4422%2815%2900021-6/abstract>
3. Andreas Otte, Harald Hoppe: Hybrid SPECT/US, Radiology 2015; 274: 304-305.
4. Valentin Ortega Clavero, Andreas Weber, Werner Schröder, Nicolas Javahiry, Patrick Meyrueis: Use of the characteristic Raman lines of toluene (C₇H₈) as reference on the analysis of gasoline blends; Environmental Biotechnology; p-ISSN 1732-4964 10(1); 2014 (submitted).
5. Dan Curticapean; After Image 10/2014: Optics and Photonics News, Optical Society of America; ISSN1047-6938 Washington DC; Vol 25; No. 10; p. 64; 2014.
6. Andreas Otte, Adrian Necluae, Dan Curticapean: Near-Infrared Spectroscopy for Real-Time Brain Perfusion Diagnostics in Patients with the Late Whiplash Syndrome, in: Frontiers in Optics 2013, P. Delyett, Jr. and D. Gauthier, eds., OSA Technical Digest (online) (Optical Society of America, Washington, DC, 2013), paper JW3A.25.
<http://www.opticsinfobase.org/abstract.cfm?URI=LS-2013-JW3A.25>
7. Dan Curticapean: Astronomical phenomena: Events with high impact factor in teaching Optics and Photonics; Education and Training in Optics and Photonics 2013.
8. Valentin Ortega Clavero, Andreas Weber, Werner Schröder, Patrick Mayrueis, Nicolas Javahiry: Qualitative and Quantitative Spectral Analysis of Binary Gasoline-Ethanol Blends Using a Low-Cost FT-Raman Spectrometer Prototype; Lasers in Engineering 2013; ISSN: 0898-1507 (print); ISSN: 1029-029X (online); Volume 25; Number 3-4; p. 247-253.
9. Razia Sultana, Andreas Christ, Markus Feisst, Dan Curticapean: Learning in the cloud: A new challenge for a global teaching system in optics and photonics; Education and Training in Optics and Photonics 2013.
0. Oliver Vauderwange, Heinz-Hermann Wielage, Ulrich Haiss, Paul Dreßler, Dan Curticapean: New Frontiers in Color Management by using modern Spectrometers; Education and Training in Optics and Photonics 2013.
1. Heinz-Hermann Wielage, Ulrich Haiss, Paul Dreßler, Oliver Vauderwange, Dan Curticapean: Interdisciplinary Education in Optics and Photonics based on Microcontrollers; Education and Training in Optics and Photonics 2013.
2. Dan Curticapean: Member Lens. Optics and Photonics News, Optical Society of America; ISSN1047-6938 Washington DC, pp. 27; 05.2013.
3. Dan Curticapean: After Image 01/2013. Optics and Photonics News, Optical Society of America, ISSN1047-6938 Washington DC, pp. 56; 01.2013.
4. Adrian Neculae, Andreas Otte, Dan Curticapean: Numerical analysis of the diffusive mass transport in brain tissues

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with applications to optical sensors. Optical Fibers and Sensors for Medical Diagnostics and Treatment Applications XIII, Proc. SPIE Vol. 8576, 857605:1-9 (March 20,2013); doi:10.1117/12.2004436.

5. Dan Curticapean, Adrian Neculae: Radiative heat transfer in optical fibers with applications to temperature measurement and controlled splicing processes considering the SP1 approximation. Frontiers in Optics/Laser Science XXVIII (FiO/LS), FW3A.37, 2012, (Optical Society of America, Washington, DC, 2013).
6. Andreas Otte, Tobias Thieme, Andreas Beck. Computed tomography alone reveals the secrets of ancient mummies in medical archaeology. Hell J Nucl Med 2013; 16(2): 148-149.

Vorträge / Internationale Konferenzen

1. Dan Curticapean: International Year of Light 2015 opens new dimensions in Optics and Photonics Education; 13th International Conference on Education and Training in Optics & Photonics (ETOP 2015); Bordeaux; 2015.
2. Petre Wozniak, Oliver Vauderwange, Kai Israel, Nicolas Javahiry, Dan Curticapean: Perform light and optic experiments in Augmented Reality; 13th International Conference on Education and Training in Optics & Photonics (ETOP); Bordeaux; 2015.
3. Oliver Vauderwange, Ulrich Haiss, Peter Wozniak, Kai Israel, Dan Curticapean: Active Learning In Optics And Photonics - Liquid Crystal Display -in The D-it-yourself; 13th International Conference on Education and Training in Optics & Photonics (ETOP 2015); Bordeaux; 2015.
4. Kai Israel, Oliver Vauderwange, Peter Wozniak, Dan Curticapean: "Invisible Light" - A global infotainment community based on augmented reality technologies; 13th International Conference on Education and Training in Optics & Photonics (ETOP 2015), Bordeaux; 2015.
5. Dan Curticapean: Photonics is a player at the FIFA World Cup; SPIE Newsroom: Electronic Imaging & Signal Processing; DOI: 10.1117/2.2201406.02; 2014.
6. Andreas Otte: Functional neuroimaging in whiplash injury: a new approach, Dialog Science - Smart Health, Offenburg, 2014.
7. Valentin Ortega Clavero, Andreas Weber, Werner Schröder, Dan Curticapean, Nicolas Javahiry, Patrick Meyrueis: Monitoring of the molecular structure of lubricant oil using a FT-Raman spectrometer prototype; Conference 9141, Optical Sensing and Detection; Paper 9141-7; SPIE Photonics Europe 2014, 14 - 17 April 2014 in Brussels, Belgium.
8. Andreas Otte, Dan Curticapean: Near-Infrared Spectroscopy for Real-Time Brain Perfusion Diagnostics in Patients with the Late Whiplash Syndrome: A New Approach. Frontiers in Optics/Laser Science XXIX Optical Society of America, October 12.2013, Orlando/Florida/USA.
9. Dan Curticapean: Astronomical phenomena: Events with high impact factor in teaching Optics and Photonics; Education and Training in Optics and Photonics; 23. July 2013; Porto/Portugal 2013.
0. Valentin Ortega Clavero, Andreas Weber, Werner Schröder, Dan Curticapean, Nicolas Javahiry, and Patrick Meyrueis; Spectral monitoring of toluene and ethanol in gasoline blends using fourier-transform Raman spectroscopy; Proc. SPIE Optical Measurement Systems for Industrial Inspection VIII, 8788(8):8788-112, 2013.
1. Oliver Vauderwange: New Frontiers in Color Management by using modern Spectrometers; Education and Training in Optics and Photonics; 23. July 2013; Porto/Portugal 2013.
2. Paul Dreßler: Interdisciplinary Education in Optics and Photonics based on Microcontrollers; Education and Training in Optics and Photonics; 23. July 2013; Porto/Portugal 2013.
3. Valentin Ortega Clavero, Andreas Weber, Werner Schröder, Nicolas Javahiry, and Patrick Meyrueis; Spectral observation of fuel additives in gasoline-ethanol blends using a fourier-transform Raman spectrometer prototype; Proc. SPIE 8720 Photonic Applications for Aerospace, Commercial, and Harsh Environments IV, (4):8720-26, 2013.
4. Razia Sultana: Learning in the cloud: A New challenge for a global teaching system in optics and photonics; Education and Training in Optics and Photonics; 24. July 2013; Porto/Portugal 2013.

5. Valentin Ortega Clavero: Spectral monitoring of toluene and ethanol in gasoline blends using Fourier-Transform Raman spectroscopy. SPIE Optical Metrology; 15.05.2013; Munich/Germany.
6. Dan Curticapean: Numerical analysis of the diffusive mass transport in brain tissues with applications to optical sensors; SPIE Photonics West; 02.02.2013; San Francisco/USA.
7. Dan Curticapean: Radiative heat transfer in optical fibers with applications to temperature measurement and controlled splicing processes considering the SP1 approximation; Frontiers in Optics/Laser Science XXVIII Optical Society of America; 17.10.2012; Rochester/New York/USA.
8. Valentin Ortega Clavero, Andreas Weber, Werner Schröder, Patrick Meyrueis, and Nicolas Javahiry; Comparative spectral analysis of commercial fuel-ethanol blends using a low-cost prototype FT-Raman spectrometer; Proc. SPIE 8368, Photonic Applications for Aerospace, Transportation, and Harsh Environment III, 83680E, pages-83680E-83680E-7, 2012.