**CUMULATIVE NEUTRON RADIOGRAPHIC IMAGING PAPERS**

**2012 – 2021 (903 papers)**

15th Jan 2021

KEYWORDS: Neutron Radiography, Neutron Imaging, Neutron Tomography, Neutron CT

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Highlighted entries each have a selected image featured on the RadSci website

**2021**

Total number of papers listed: 5

[**Journal of Imaging**](https://www.mdpi.com/journal/jimaging) **(1)**

[Neutron Imaging Using a Fine-Grained Nuclear Emulsion](https://www.mdpi.com/2313-433X/7/1/4/htm)

[Katsuya Hirota](https://sciprofiles.com/profile/1320230), [Tomoko Ariga](https://sciprofiles.com/profile/author/bS9BZkt2UkFJK2dKLzFOdk52RTUzRXdLOHlaZmlxVkJTYzFWK2dqYTJQaz0=), [Masahiro Hino](https://sciprofiles.com/profile/author/T1JuZ1FIOXBGSnEyUCtmbmdyTkdVZWpJR3RzR1YxeE8xU1VhdmZQUzdPUT0=), [Go Ichikawa](https://sciprofiles.com/profile/author/czdMaCtSS3J5bVZCNXZWc3M2K21nUWRNZ0MyM1EvWHBObkY4cEh3cGlrRT0=), [Shinsuke Kawasaki](https://sciprofiles.com/profile/author/aFppUFpDcHlBNE9lNTRaenM4Nm9WU0pQNjlxTEtSc0wrMEZ1cWFJeU9lTT0=), [Masaaki Kitaguchi](https://sciprofiles.com/profile/author/MEM2aHJIK2hXZnRhN3o1dlFTWElINjE1ZTREdlNlR2ZDQmFyd0xZWGw1RWVsYzJmMjJHTmVQU3RaMzMyTWk4bw==), [Kenji Mishima](https://sciprofiles.com/profile/1405770), [Naoto Muto](https://sciprofiles.com/profile/1416449), [Naotaka Naganawa](https://sciprofiles.com/profile/author/THNja3VjN1hhR2t1VzQ3VWZSMXErbVRkSTZSV055eVZBaHRZUUtQTDkvTHMyTmE1WUpWWktTTllaOE9malFRdA==), [Hirohiko M. Shimizu](https://sciprofiles.com/profile/1405743)

J. Imaging 2021, 7(1), 4; <https://doi.org/10.3390/jimaging7010004>

Received: 30 October 2020 / Revised: 9 December 2020 / Accepted: 23 December 2020 / Published: 5 January 2021

[**Nuclear Instruments and Methods in Physics Research Section A**](https://www.sciencedirect.com/journal/nuclear-instruments-and-methods-in-physics-research-section-a-accelerators-spectrometers-detectors-and-associated-equipment) **(4)**

[Initial development and testing of dysprosium-based scintillators for digital transfer method neutron imaging](https://www.sciencedirect.com/science/article/pii/S0168900220310664)

Aaron E.Craft, William C.Chuirazzi, Christian Grünzweig, Manuel Morgano, Eberhard H.Lehmann

*Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*

*Volume 985, 1 January 2021, 164669https://doi.org/10.1016/j.nima.2020.164669*

[Simulation design of the collimator for thermal neutron radiography facility based on neutron tube](https://www.sciencedirect.com/science/article/abs/pii/S0168900220310986)

Huanyu Li, Chenyi Zhao, Shuang Qiao, Tian Zhang

Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment

Volume 985, 1 January 2021, 164701

https://doi.org/10.1016/j.nima.2020.164701

[Comparison of heuristic and deterministic algorithms in neutron coded imaging reconstruction](https://www.sciencedirect.com/science/article/abs/pii/S0168900220311013)

Mingfei Yan, Huasi Hu, Guang Hu, Zhihua Liu, Chao He, Qiang Yi

Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment

Volume 985, 1 January 2021, 164704

https://doi.org/10.1016/j.nima.2020.164704

[Design of a neutron microscope based on Wolter mirrors](https://www-sciencedirect-com.ezproxyd.bham.ac.uk/science/article/pii/S0168900220312109)

[D.S.Hussey, M.Abir, J.C.Cook, D.L.Jacobson, J.M.LaManna, K.Kilaru, B.D.Ramsey, B.Khaykovich](https://www-sciencedirect-com.ezproxyd.bham.ac.uk/science/article/pii/S0168900220312109#!)

[*Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*](https://www-sciencedirect-com.ezproxyd.bham.ac.uk/science/journal/01689002)

[*Volume 987*](https://www-sciencedirect-com.ezproxyd.bham.ac.uk/science/journal/01689002/987/supp/C)*, 21 January 2021, 164813*

[*https://doi.org/10.1016/j.nima.2020.164813*](https://doi-org.ezproxyd.bham.ac.uk/10.1016/j.nima.2020.164813)

**2020**

Total number of papers listed: 155

[**ACS Applied Energy Materials**](https://pubs.acs.org/toc/aaemcq/3/7) **(1)**

[A Multidimensional Operando Study Showing the Importance of the Electrode Macrostructure in Lithium Sulfur Batteries](https://pubs.acs.org/doi/10.1021/acsaem.0c01027)

Charl J. Jafta, André Hilger, Xiao-Guang Sun, Linxiao Geng, Mengya Li, Sebastian Risse, Ilias Belharouak, Ingo Manke

*ACS Appl. Energy Mater.* *2020, 3, 7, 6965–6976, Publication Date: June 23, 2020*

[*https://doi.org/10.1021/acsaem.0c01027*](https://doi.org/10.1021/acsaem.0c01027)

[**ACS Nano**](https://pubs.acs.org/toc/ancac3/0/0) **(1)**

[Fast Neutron Imaging with Semiconductor Nanocrystal Scintillators](http://europepmc.org/article/MED/32897688)

[McCall KM](http://europepmc.org/authors/0000-0001-8628-3811), [Sakhatskyi K](http://europepmc.org/authors/0000-0003-2384-1665), [Lehmann E](http://europepmc.org/authors/0000-0001-9145-9009), [Walfort B](http://europepmc.org/search?query=AUTH:%22Bernhard%20Walfort%22), [Losko AS](http://europepmc.org/authors/0000-0001-5307-356X), [Montanarella F](http://europepmc.org/authors/0000-0002-9057-7414), [Bodnarchuk MI](http://europepmc.org/authors/0000-0001-6597-3266), [Krieg F](http://europepmc.org/authors/0000-0002-0370-1318), [Kelestemur Y](http://europepmc.org/authors/0000-0003-1616-2728), [Mannes D](http://europepmc.org/authors/0000-0003-4028-7504), [Shynkarenko Y](http://europepmc.org/authors/0000-0002-1587-1752), [Yakunin S](http://europepmc.org/authors/0000-0002-6409-0565), [Kovalenko MV](http://europepmc.org/authors/0000-0002-6396-8938)

*ACS Nano, 18 Sep 2020, DOI:*[*10.1021/acsnano.0c06381*](http://doi.org/10.1021/acsnano.0c06381)*PMID: 32897688*

[**Additive Manufacturing**](https://www.sciencedirect.com/journal/additive-manufacturing) **(1)**

[Investigation of the effect of Laser Shock Peening in Additively Manufactured samples through Bragg Edge Neutron Imaging](https://www.sciencedirect.com/science/article/pii/S221486042030573X)

[M.Morgano](https://www.sciencedirect.com/science/article/pii/S221486042030573X" \l "!),[N.Kalentics](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!),[C.Carminati](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!),[J.Capek](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!),[M.Makowska](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!),[R.Woracek](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!),[T.Maimaitiyili](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!),

[T.Shinohara](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!), [R.Loge](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!), [M.Strobl](https://www.sciencedirect.com/science/article/pii/S221486042030573X#!)

[Additive Manufacturing](https://www.sciencedirect.com/science/journal/22148604), [Volume 34](https://www.sciencedirect.com/science/journal/22148604/34/supp/C), August 2020, 101201

[**AIP Advances**](https://aip.scitation.org/journal/adv) **(1)**

[Feasibility study of a compact neutron resonance transmission analysis instrument](https://aip.scitation.org/doi/10.1063/1.5129961)

[Ezra M. Engel](https://aip.scitation.org/author/Engel%2C+Ezra+M), [Ethan A. Klein](https://aip.scitation.org/author/Klein%2C+Ethan+A), and [Areg Danagoulian](https://aip.scitation.org/author/Danagoulian%2C+Areg)

*AIP Advances 10, 015051 (2020);*[*https://doi.org/10.1063/1.5129961*](https://doi.org/10.1063/1.5129961)

[**Applied Physics Letters**](https://aip.scitation.org/journal/apl) **(2)**

[Neutron imaging of liquid-liquid systems containing paramagnetic salt solutions](https://aip.scitation.org/doi/abs/10.1063/1.5135390)

[T. A. Butcher](https://aip.scitation.org/author/Butcher%2C+T+A), [G. J. M. Formon](https://aip.scitation.org/author/Formon%2C+G+J+M), [P. Dunne](https://aip.scitation.org/author/Dunne%2C+P), [T. M. Hermans](https://aip.scitation.org/author/Hermans%2C+T+M), [F. Ott](https://aip.scitation.org/author/Ott%2C+F), [L. Noirez](https://aip.scitation.org/author/Noirez%2C+L) and [J. M. D. Coey](https://aip.scitation.org/author/Coey%2C+J+M+D)

*Appl. Phys. Lett. 116, 022405 (2020);*[*https://doi.org/10.1063/1.5135390*](https://doi.org/10.1063/1.5135390)

*January 2020*

[Visualization of compensating currents in type-II/1 superconductor via high field cooling](https://aip-scitation-org.ezproxye.bham.ac.uk/doi/full/10.1063/5.0004438)

[Jacopo Valsecchi](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Valsecchi%2C+Jacopo), [Jonathan S. White](https://aip-scitation-org.ezproxye.bham.ac.uk/author/White%2C+Jonathan+S), [Marek Bartkowiak](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Bartkowiak%2C+Marek), [Wolfgang Treimer](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Treimer%2C+Wolfgang), [Youngju Kim](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Kim%2C+Youngju), [Seung Wook Lee](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Lee%2C+Seung+Wook), [Denis M. Gokhfeld](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Gokhfeld%2C+Denis+M), [Ralph P. Harti](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Harti%2C+Ralph+P), [Manuel Morgano](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Morgano%2C+Manuel), [Markus Strobl](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Strobl%2C+Markus) and [Christian Grünzweig](https://aip-scitation-org.ezproxye.bham.ac.uk/author/Gr%C3%BCnzweig%2C+Christian)

[*Appl. Phys. Lett.*](https://aip-scitation-org.ezproxye.bham.ac.uk/journal/apl)*116, 192602 (2020);*[*https://doi-org.ezproxye.bham.ac.uk/10.1063/5.0004438*](https://doi-org.ezproxye.bham.ac.uk/10.1063/5.0004438)

[**Applied Radiation and Isotopes**](https://www.sciencedirect.com/journal/applied-radiation-and-isotopes/vol/161/suppl/C) **(1)**

[Neutronic feasibility study of using a multipurpose MNSR for BNCT, NR, and NAA](https://www.sciencedirect.com/science/article/abs/pii/S0969804318307942?via%3Dihub)

[J.Mokhtari, F.Faghihi, M.H. Choopan Dastjerdi, J.Khorsandi](https://www.sciencedirect.com/science/article/abs/pii/S0969804318307942?via%3Dihub#!)

[*Applied Radiation and Isotopes*](https://www.sciencedirect.com/science/journal/09698043)

[*Volume 161*](https://www.sciencedirect.com/science/journal/09698043/161/supp/C)*, July 2020, 109147*

*https://doi.org/10.1016/j.apradiso.2020.109147*

[**Applied Sciences**](https://www.mdpi.com/journal/applsci) **(1)**

[Non-destructive and micro-invasive techniques for characterising the ancient Roman mosaic fragments](https://www.mdpi.com/2076-3417/10/11/3781)

R.M. Ion, B.A. Bakirov, S.E. Kichanov, D.P. Kozlenko, A.V. Belushkin, C. Radulescu, I.D. Dulama, I.A. Bucurica, A.I. Gheboianu, R.M Stirbescu, S. Teodorescu, L. Iancu, M.E. David, R.M Grigorescu

*Applied Sciences, 10(3781), 2020 DOI 10.3390/app10113781*

[**ArXiv**](https://arxiv.org/) **(10)**

Single-Pixel Imaging with Neutrons

[Yu-Hang He](https://arxiv.org/search/?searchtype=author&query=He%2C+Y), [Yi-Yi Huang](https://arxiv.org/search/?searchtype=author&query=Huang%2C+Y), [Zhi-Rong Zeng](https://arxiv.org/search/?searchtype=author&query=Zeng%2C+Z), [Yi-Fei Li](https://arxiv.org/search/?searchtype=author&query=Li%2C+Y), [Jun-Hao Tan](https://arxiv.org/search/?searchtype=author&query=Tan%2C+J), [Li-Ming Chen](https://arxiv.org/search/?searchtype=author&query=Chen%2C+L), [Ling-An Wu](https://arxiv.org/search/?searchtype=author&query=Wu%2C+L), [Ming-Fei Li](https://arxiv.org/search/?searchtype=author&query=Li%2C+M), [Bao-Gang Quan](https://arxiv.org/search/?searchtype=author&query=Quan%2C+B), [Song-Lin Wang](https://arxiv.org/search/?searchtype=author&query=Wang%2C+S), [Tian-Jiao Liang](https://arxiv.org/search/?searchtype=author&query=Liang%2C+T)

*Submitted 9 January, 2020; originally announced January 2020.*

[*arXiv:2001.03069*](https://arxiv.org/abs/2001.03069)*[*[*pdf*](https://arxiv.org/pdf/2001.03069)*]*

Multilayer 10B-RPC neutron imaging detector

[L. M. S. Margato](https://arxiv.org/search/?searchtype=author&query=Margato%2C+L+M+S), [A. Morozov](https://arxiv.org/search/?searchtype=author&query=Morozov%2C+A), [A. Blanco](https://arxiv.org/search/?searchtype=author&query=Blanco%2C+A), [P. Fonte](https://arxiv.org/search/?searchtype=author&query=Fonte%2C+P), [L. Lopes](https://arxiv.org/search/?searchtype=author&query=Lopes%2C+L), [K. Zeitelhack](https://arxiv.org/search/?searchtype=author&query=Zeitelhack%2C+K), [R. Hall-Wilton](https://arxiv.org/search/?searchtype=author&query=Hall-Wilton%2C+R), [C. Höglund](https://arxiv.org/search/?searchtype=author&query=H%C3%B6glund%2C+C), [L. Robinson](https://arxiv.org/search/?searchtype=author&query=Robinson%2C+L), [S. Schmidt](https://arxiv.org/search/?searchtype=author&query=Schmidt%2C+S), [P. Svensson](https://arxiv.org/search/?searchtype=author&query=Svensson%2C+P)

*Submitted 3 February, 2020; originally announced February 2020.*

[*arXiv:2002.00991*](https://arxiv.org/abs/2002.00991)*[*[*pdf*](https://arxiv.org/pdf/2002.00991)*]*

Dynamic Neutron Imaging of Argon Bubble Flow in Liquid Gallium in External Magnetic Field

Mihails Birjukovs, Valters Dzelme, Andris Jakovics, Knud Thomsen, Pavel Trtik

*Submitted 26 February, 2020;*

[*arXiv:2002.10970v pdf*](https://arxiv.org/pdf/2002.10970v1.pdf)

Microstructure and Water Absorption of Ancient Concrete from Pompeii: An Integrated Synchrotron Microtomography and Neutron Radiography Characterization

[Ke Xu](https://arxiv.org/search/?searchtype=author&query=Xu%2C+K), [Anton S. Tremsin](https://arxiv.org/search/?searchtype=author&query=Tremsin%2C+A+S), [Jiaqi Li](https://arxiv.org/search/?searchtype=author&query=Li%2C+J), [Daniela M. Ushizima](https://arxiv.org/search/?searchtype=author&query=Ushizima%2C+D+M), [Catherine A. Davy](https://arxiv.org/search/?searchtype=author&query=Davy%2C+C+A), [Amine Bouterf](https://arxiv.org/search/?searchtype=author&query=Bouterf%2C+A), [Ying Tsun Su](https://arxiv.org/search/?searchtype=author&query=Su%2C+Y+T), [Milena Marroccoli](https://arxiv.org/search/?searchtype=author&query=Marroccoli%2C+M), [Anna Maria Mauro](https://arxiv.org/search/?searchtype=author&query=Mauro%2C+A+M), [Massimo Osanna](https://arxiv.org/search/?searchtype=author&query=Osanna%2C+M), [Antonio Telesca](https://arxiv.org/search/?searchtype=author&query=Telesca%2C+A), [Paulo J. M. Monteiro](https://arxiv.org/search/?searchtype=author&query=Monteiro%2C+P+J+M)

*Submitted 26 May, 2020; originally announced May 2020*

*https://arxiv.org/abs/2005.13114*

[*arXiv:2005.13114*](https://arxiv.org/abs/2005.13114)*[*[*pdf*](https://arxiv.org/pdf/2005.13114)*]*

Development of a Neutron Imaging Sensor using INTPIX4-SOI Pixelated Silicon Devices

Y. Kamiyaa , T. Miyoshib , H. Iwasec , T. Inadaa , A. Mizushimad , Y. Mitad , K. Shimazoee, H. Tanakaf , I. Kurachig , Y. Araib

[*arXiv:2006.05658v1 [physics.ins-det] 10 Jun 2020*](https://arxiv.org/pdf/2006.05658v1.pdf)

Neutron Dark-Field Imaging with Edge Illumination

Marco Endrizzi, Gibril K. Kallon, Triestino Minniti, Rolf Brönnimann, Alessandro Olivo

[*arXiv:2006.12171v1 [physics.ins-det] 22 Jun 2020*](https://arxiv.org/pdf/2006.12171v1.pdf)

Electric field imaging using polarized neutrons

Yuan-Yu Jau, Daniel S. Hussey, Thomas R. Gentile, Wangchun Chen

[*arXiv:2006.03728*](https://arxiv.org/abs/2006.03728)*[physics.ins-det]*

Feasibility study of a compact Neutron Resonance Transmission Analysis instrument

Ezra M. Engel, Ethan A. Klein, Areg Danagoulian

[*arXiv:1909.11120v3 [physics.ins-det] 28 Jan 2020*](arXiv:1909.11120v3%20[physics.ins-det]%2028%20Jan%202020)

Development of High Intensity Neutron Source at the European Spallation Source

V. Santoro ,K.H. Andersen, D. D. DiJulio , E. B. Klinkby, T. M. Miller, D. Milstead, G. Muhrer, M. Strobl, A. Takibayev, L. Zanini , O. Zimmer

[*arXiv:2002.03883v1 [physics.ins-det] 10 Feb 2020*](https://arxiv.org/pdf/2002.03883v1.pdf)

High-resolution neutron imaging: a new approach to characterize water in anodic aluminum oxides

Noémie Ott, Claudia Cancellieri, Pavel Trtik, Patrik Schmutz

[*arXiv:2007.07118*](https://arxiv.org/abs/2007.07118)

[**Carbon**](https://www.sciencedirect.com/journal/carbon) **(1)**

[Dynamics of hydrogen loss and structural changes in pyrolyzing biomass utilizing neutron imaging](https://www.sciencedirect.com/science/article/abs/pii/S0008622320311398)

[Frederik Ossler](https://www.sciencedirect.com/science/article/abs/pii/S0008622320311398#!), [Charles E.A.Finney, Jeffrey M.Warren, Jean-Christophe Bilheux, Yuxuan Zhang, Rebecca A.Mills, Louis J.Santodonato, Hassina Z.Bilheux](https://www.sciencedirect.com/science/article/abs/pii/S0008622320311398#!)

*Carbon, Available online 26 November 2020*

[*https://doi.org/10.1016/j.carbon.2020.11.060*](https://doi.org/10.1016/j.carbon.2020.11.060)

[**Cement and Concrete Research**](https://www.sciencedirect.com/journal/cement-and-concrete-research/vol/118/suppl/C) **(1)**

[Time-resolved porosity changes at cement-clay interfaces derived from neutron imaging](https://www.sciencedirect.com/science/article/abs/pii/S0008884619305800)

[A.Shafizadeh, T.Gimmi, L.R.Van Loon, A.P.Kaestner, U.K.Mäder, S.V.Churakov](https://www.sciencedirect.com/science/article/abs/pii/S0008884619305800#!)

[*Cement and Concrete Research*](https://www.sciencedirect.com/science/journal/00088846)[*Volume 127*](https://www.sciencedirect.com/science/journal/00088846/127/supp/C)*, January 2020, 105924*

[*https://doi.org/10.1016/j.cemconres.2019.105924*](https://doi.org/10.1016/j.cemconres.2019.105924)

[**Chemical Engineering Science** **(1)**](https://www.sciencedirect.com/journal/chemical-engineering-science/vol/211/suppl/C)

[Estimation of the local sublimation front velocities from neutron radiography and tomography of particulate matter](https://www.sciencedirect.com/science/article/pii/S0009250919307584?via%3Dihub)

[Gruber S](https://www.mendeley.com/authors/57211264254/), [Vorhauer N](https://www.mendeley.com/authors/36441845400/), [Schulz M](https://www.mendeley.com/authors/57214673506/), [Hilmer M](https://www.mendeley.com/authors/57211270052/), [Peters J](https://www.mendeley.com/authors/57211269378/), [Tsotsas E](https://www.mendeley.com/authors/7003540632/), [Foerst P](https://www.mendeley.com/authors/16549571100/)

*Chemical Engineering Science (2020) 211*

*DOI:*[*10.1016/j.ces.2019.115268*](https://dx.doi.org/10.1016/j.ces.2019.115268)

[**Energy Technology (1)**](https://onlinelibrary.wiley.com/toc/21944296/2020/8/2)

[Influence of the Cell Format on the Electrolyte Filling Process of Lithium-Ion Cells](https://onlinelibrary.wiley.com/doi/full/10.1002/ente.201801108)

[Günter F](https://www.mendeley.com/authors/57204787381/), [Rössler S](https://www.mendeley.com/authors/57208447754/), [Schulz M](https://www.mendeley.com/authors/57214673506/), [Braunwarth W](https://www.mendeley.com/authors/57195903344/), [Gilles R](https://www.mendeley.com/authors/7102269943/), [Reinhart G](https://www.mendeley.com/authors/7101858932/)

*Energy Technology (2020) 8(2)*

*DOI:*[*10.1002/ente.201801108*](https://dx.doi.org/10.1002/ente.201801108)

[**EPJ Web of Conferences**](https://www.epj-conferences.org/) **(7)**

[Fast neutron and γ-ray backscatter radiography for the characterization of corrosion-born defects in oil pipelines](https://www.epj-conferences.org/articles/epjconf/abs/2020/01/epjconf_animma2019_06009/epjconf_animma2019_06009.html)

Mauro Licata, Helen M. O. Parker, Michael D. Aspinall, Manuel Bandala, Frank Cave,

Sebatian Conway, Domas Gerta and Malcolm J. Joyce

*EPJ Web of Conferences*

*Published online: 20 January 2020*

*DOI:*[*https://doi.org/10.1051/epjconf/202022506009*](https://doi.org/10.1051/epjconf/202022506009)

[Preliminary Study on Improving Resolution of D-T Neutron Radiography based on Associated Alpha and Coded Source Imaging Methods](https://www.epj-conferences.org/articles/epjconf/abs/2020/01/epjconf_animma2019_07001/epjconf_animma2019_07001.html)

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*EPJ Web of Conferences*

*Published online: 20 January 2020*

*DOI:*[*https://doi.org/10.1051/epjconf/202022507001*](https://doi.org/10.1051/epjconf/202022507001)

[Design and Optimisation of a Three Layers Thermal Neutron, Fast Neutron and Gamma-Ray Imaging System](https://www.epj-conferences.org/articles/epjconf/abs/2020/01/epjconf_animma2019_07002/epjconf_animma2019_07002.html)

H. Al Hamrashdi, S. D. Monk and D. Cheneler

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**What Future in Neutron Imaging?**

Eberhard H. Lehmann, Danas Ridikas, Nuno Pessoa Barradas .......................................... 3

**Overview of the Conceptual Design of the Upgraded Neutron Radiography Facility**

**(INDLOVU) at the SAFARI-1 Research Reactor in South Africa**

Frikkie de Beer, Tankiso Modise, Robert Nshimirimana, Deon Marais, Christo Raaths,

Rudolph van Heerden, Kobus Eckard, Evens Moraba, Johann van Rooyen, Gerhard Schalkwyk,

Jacoline Hanekom, Gawie Nothnagel ................................................................................. 11

**Reviving and Extending the Neutron Imaging Capabilities at the Penn State**

**Breazeale Reactor**

Robert Zboray ..................................................................................................................... 17

**PSI ‘Neutron Microscope’ at ILL-D50 Beamline - First Results**

Pavel Trtik, Michael Meyer, Timon Wehmann, Alessandro Tengattini, Duncan Atkins, E.H.

Lehmann, Markus Strobl ..................................................................................................... 23

**Wavelength-Resolved Neutron Imaging on IMAT**

W. Kockelmann, T. Minniti, R. Ramadhan, R. Ziesche, D.E. Pooley, S.C. Capelli, D. Glaser,

A.S. Tremsin ....................................................................................................................... 29

**Energy Resolved Imaging using the GP2 Detector: Progress in Instrumentation,**

**Methods and Data Analysis**

D.E. Pooley, J.W.L. Lee, F.A. Akeroyd, O. Arnold, M. Hart, J.J. John, P.M. Kadletz, W.

Kockelmann, T. Minniti, C. Moreton-Smith, M. Morgano, N.J. Rhodes, E.M. Schooneveld,

I.Sedgwick, C. Vallance, R. Woracek ................................................................................. 35

**First Neutron Computed Tomography with Digital Neutron Imaging Systems in a**

**High-Radiation Environment at the 250 kW Neutron Radiography Reactor at Idaho**

**National Laboratory**

Aaron Craft, Burkhard Schillinger, William Chuirazzi, Glen Papaioannou, Andrew Smolinski

and Nicholas Boutlon ......................................................................................................... 42

**The ANTARES Instrument Control System for Neutron Imaging with**

**NICOS/TANGO/LiMA Converted to a Mobile System used at Idaho National Laboratory**

Burkhard Schillinger, Aaron Craft, Jens Krüger ................................................................. 48

**Radiation Degradation of Silicon Crystal Used as Filter for Neutron Radiography**

Ladislav Viererbl, Jaroslav Šoltés, Miroslav Vinš, Hana Assmann Vratislavská, Alexander

Voljanskij ............................................................................................................................ 53

**Construction of a Quasi-Monoenergetic Neutron Source for Fast-Neutron Imaging**

M. Johnson, S.G. Anderson, D.L. Bleuel, J.A. Caggiano, P.J. Fitsos, D. Gibson, J. Gronberg,

J.M. Hall, R. Marsh, B. Rusnak .......................................................................................... 58

**Improvement of Neutron Color Image Intensifier Detector using an**

**Industrial Digital Camera**

Takashi Kamiyama, Koichi Nittoh, Kazuyuki Takada ......................................................... 67

**Gamma Discriminating Scintillation Screens for Digital Transfer Method**

**Neutron Imaging**

Aaron Craft, Christian Grünzweig, Manuel Morgano, William Chuirazzi, Eberhard Lehmann .. .............................................................................................................................................74

**Imaging Based Detector with Efficient Scintillators for Neutron Diffraction Measurements**

Matt W. Seals, Stephen B. Puplampu, Dayakar Penumadu, Richard A. Riedel, Jeff R. Bunn,

Christopher M. Fancher ..................................................................................................... 80

**Commissioning of the NDDL-40 Micro-Channel Plate Neutron Detector System at**

**Oregon State University**

Nicholas M. Boulton, Steven R. Reese, Aaron E. Craft ..................................................... 86

**A Quadruple Multi-Camera Neutron Computed Tomography System at MLZ**

Burkhard Schillinger, Jens Krüger ..................................................................................... 92

**High-resolution Detector for Neutron Diffraction and Quantification of Subsurface**

**Residual Stress**

Stuart R. Miller, Matthew S.J.Marshall, Megan Wart, Pijush Bhattacharya, Stephen Puplampu, Matthew Seals, Dayakar Penumadu, Rick Riedel, Vivek V. Nagarkar ............................................................................................................................................ 97

**Development of Event-Type Neutron Imaging Detectors at the Energy-Resolved Neutron**

**Imaging System RADEN at J-PARC**

Joseph Don Parker, Masahide Harada, Hirotoshi Hayashida, Kosuke Hiroi, Tetsuya Kai,

Yoshihiro Matsumoto, Takeshi Nakatani, Kenichi Oikawa, Mariko Segawa,Takenao Shinohara, Yuhua Su, Atsushi Takada, Toru Tanimori, Yoshiaki Kiyanagi ..................... 102

**One Inch CCD Cameras for Neutron and X-ray Imaging**

Alan Hewat ...................................................................................................................... 108

**Various Aspects of the Contrast Modalities of Modulated Beam Imaging**

Markus Strobl .................................................................................................................. 117

**Origin of Pseudo-Variation in High Resolution Neutron Grating Interferometry**

Tobias Neuwirth, Michael Schulz, Peter Böni ................................................................. 129

**Conversion from Film Based Transfer Method Neutron Radiography to Computed**

**Radiography for Post Irradiation Examination of Nuclear Fuels**

Glen C. Papaioannou, Dr. Aaron E. Craft, Michael A. Ruddell ....................................... 136

**Epithermal Neutron Radiography and Tomography on Large and**

**Strongly Scattering Samples**

Burkhard Schillinger, Aaron Craft ................................................................................... 142

**Feasibility Study of Two-Dimensional Neutron-Resonance Thermometry using**

**Molybdenum in 316 Stainless-Steel**

Tetsuya Kai, Kosuke Hiroi, Yuhua Su, Mariko Segawa, Takenao Shinohara, Yoshihiro Matsumoto, Joseph D. Parker, Hirotoshi Hayashida, Kenichi Oikawa............................ 149

**Development of kfps Bright Glash Neutron Imaging for Rapid, Transi**e**nt Processes**

R. Zboray, Ch. Lani, A. Portanova ................................................................................. 154

**Neutron Transmission Spectrum of Liquid Lead Bismuth Eutectic**

Yojiro Oba, Daisuke Ito, Yasushi Saito, Yohei Onodera, Joseph Don Parker,

Takenao Shinohara, Kenichi Oikawa ............................................................................ 160

**Quantitative Crack Analysis using Indirect Neutron Radiography and**

**Neutron Activation Analysis with Contrast Enhancement Agents**

Russell Jarmer, Dr. Jeffrey King, Dr. Aaron Craft, Dr. Robert O’Brien ......................... 165

**Effect of Scattering Correction in Neutron Imaging of Hydrogenous Samples**

**using the Black Body Approach**

Chiara Carminati, Pierre Boillat, Sarah Laemmlein, Petra Heckova, Michal Snehota,

David Mannes, Jan Hovind, Markus Strobl, Anders Kaestner........................................................................................................................ 174

**Fast Neutron Imaging at a Reactor Beam Line**

R. Zboray, Ch. Greer, A. Rattner, R. Adams, Z. Kis .................................................... 180

**3D Reconstruction of the Rotational Axis in Fission Neutron Tomography**

Oliver Kalthoff, Thomas Bücherl .................................................................................. 185

**Methods to Combine Multiple Images to Improve Quality**

Anders. P. Kaestner .................................................................................................... 193

**Jupyter Notebooks for Neutron Radiography Data Processing and Analysis**

Jean-Christophe Bilheux, Jiao Y. Y. Lin, Hassina Z. Bilheux ...................................... 198

**Application**

**Pulsed Neutron Imaging Based Crystallographic Structure Study of a Japanese Sword**

**made by Sukemasa in the Muromachi Period**

Kenichi Oikawa, Yoshiaki Kiyanagi, Hirotaka Sato, Kazuma Ohmae, Anh Hoang Pham,

Kenichi Watanabe, Yoshihiro Matsumoto, Takenao Shinohara, Tetsuya Kai, Stefanus Harjo,

Masato Ohnuma, Sigekazu Morito, Takuya Ohba, Akira Uritani, Masakazu Ito ......... 207

**Crystallographic Microstructure Study of a Japanese Sword made by Noritsuna in the**

**Muromachi Period by Pulsed Neutron Bragg-Edge Transmission Imaging**

Hirotaka Sato, Yoshiaki Kiyanagi, Kenichi Oikawa, Kazuma Ohmae, Anh Hoang Pham,

Kenichi Watanabe, Yoshihiro Matsumoto, Takenao Shinohara, Tetsuya Kai, Stefanus Harjo,

Masato Ohnuma, Shigekazu Morito, Takuya Ohba, Akira Uritani, Masakazu Itoh ...... 214

**Comparative Study of Ancient and Modern Japanese Swords using Neutron Tomography**

Yoshihiro Matsumoto, Kenichi Watanabe, Kazuma Ohmae, Akira Uritani, Yoshiaki Kiyanagi,

Hirotaka Sato, Masato Ohnuma, Anh Hoang Pham, Shigekazu Morito, Takuya Ohba,

Kenichi Oikawa, Takenao Shinohara, Tetsuya Kai, Stefanus Harjo, Masakazu Ito ..... 221

**Crystallographic Structure Study of a Japanese Sword Masamitsu made in the 1969**

**using Pulsed Neutron Imaging**

Kazuma Ohmae, Yoshiaki Kiyanagi, Hirotaka Sato, Kenichi Oikawa, Anh Hoang Pham,

Kenichi Watanabe, Yoshihiro Matsumoto, Takenao Shinohara, Tetsuya Kai, Stefanus Harjo,

Masato Ohnuma, Shigekazu Morito, Takuya Ohba, Akira Uritani, M. Ito .................... 227

**A Neutron Tomographic Analysis of Plated Silver Coins from Ancient Greece**

**Official or Illegal?**

Scott Olsen, Filomena Silvemini, Vladimir Luzin, Ulf Garbe , Max Avdeev, Joel Davis,

Ken Sheedy ................................................................................................................. 233

**The 15th-18th Terracotta Doll Investigation Using a Compact Neutron Tomography**

**System at Thai Research Reactor**

Sarinrat Wonglee, Sasiphan Khaweerat, Thiansin Liamsuwan, Jatechan Channuie,

Roppon Picha, Weerawat Pornroongruengchok ......................................................... 239

**The first Record of Plicidentine in Varanopseidae (Synapsida, Pelycosauria)**

Michael Laaß, Burkhard Schillinger ............................................................................ 244

**Digitally Excavating the Hidden Secrets of an Egyptian Animal Mummy:**

**a Comparative Neutron and X-ray CT Study**

Carla A. Raymond, Joseph J. Bevitt ........................................................................... 250

**Neutron Imaging, a Key Scientific Analytical Tool for the Cultural Heritage Project at**

**ANSTO - Investigation of Egyptian Votive Mummies**

Filomena Salvemini, Constance Lord, Candace Richards ......................................... 256

**Evaluation of Motion Blur in High-Speed Neutron Imaging at Kyoto University**

**Research Reactor**

Daisuke Ito, Yasushi Saito ......................................................................................... 262

**Simultaneous Measurements of Water Distribution and Electrochemical Characteristics in Polymer Electrolyte Fuel Cell**

Hideki Murakawa, Syun Sakihara, Katsumi Sugimoto, Hitoshi Asano, Daisuke Ito,

Yasushi Saito ............................................................................................................. 268

**Visualization and Measurement of Boiling Flow Behaviors in Parallel Mini-channel**

**Heat Exchanger by Neutron Radiography**

Hitoshi Asano, Hideki Murakawa, Ryosuke Moriyasu, Katsumi Sugimoto, Yohei Kubo,

Kazuhisa Fukutani, Daisuke Ito, Yasushi Saito ......................................................... 274

**3D Velocity Vector Measurements in a Liquid-metal using Unsharpness in Neutron**

**Transmission Images**

Yasushi Saito, Daisuke Ito ......................................................................................... 281

**Investigation of SINQ (Lead/Zircaloy) Spallation Target Structures by Means of**

**Neutron Imaging Techniques**

M. Wohlmuter, S. Dementjevs, P. Vontobel, J. Hovind, P. Trtik, E.H. Lehmann ........287

**Reactivation of the Transient Reactor Test (TREAT) Facility Neutron Radiography**

**Program**

Shawn R. Jensen, Aaron E. Craft, Glen C. Papaioannou, Wyatt W. Empie, Blaine R. Ward .....................................................................................................................................292

**Fission Neutron Tomography of a 280-L Waste Package**

T. Bücherl, Ch. Lierse von Gostomski, T. Baldauf ......................................................299

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Pages 162-166

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[Status of the Imaging Facility INUS at INR](http://www.sciencedirect.com/science/article/pii/S1875389217300731)

Pages 167-174

Marin Dinca, C. Iorgulis, D. Barbos, L.D. Mitrea

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[PDF (1229 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300731/pdf?md5=89dd9daa10a00bf59bf00683fcb75203&pid=1-s2.0-S1875389217300731-main.pdf)

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Pages 175-183

Michael Taylor, Evan Sengbusch, Chris Seyfert, Eli Moll, Ross Radel

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Pages 184-189

Huarui Wu, Boris Khaykovich, Xuewu Wang, Daniel S. Hussey

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (1890 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300755/pdf?md5=f35e2aea2855d80478cfe4782153a18f&pid=1-s2.0-S1875389217300755-main.pdf)

[Design Feasibility Study for a Demultiplexer Miniaturized for Microtomographic Imaging](http://www.sciencedirect.com/science/article/pii/S1875389217300767)

Pages 190-195

Udo Lang, Pavel Trtik, Manuela Notter, Jan Hovind, Eberhard H. Lehmann

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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[Quadruple Axis Neutron Computed Tomography](http://www.sciencedirect.com/science/article/pii/S1875389217300779)

Pages 196-199

Burkhard Schillinger, Dominik Bausenwein

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (459 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300779/pdf?md5=dff79b9b2f0284f8f64deffe86d22ced&pid=1-s2.0-S1875389217300779-main.pdf)

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Pages 200-207

David Mannes, Florian Schmid, Timon Wehmann, Eberhard Lehmann

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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Pages 208-216

T. Bücherl, E. Calzada, S.Q. Liu, W. Stöwer, F. Kortmann, H. Größlhuber, Ch. Lierse von Gostomski

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[Experimental Evaluation of Neutron Absorption Grating Fabricated by Oblique Evaporation of Gadolinium for Phase Imaging](http://www.sciencedirect.com/science/article/pii/S1875389217300809)

Pages 217-223

Yoshichika Seki, Takenao Shinohara, Wakana Ueno, Joseph D. Parker, Tetsuo Samoto, Wataru Yashiro, Atsushi Momose

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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[A Neutron Detector with Submicron Spatial Resolution using Fine-grained Nuclear Emulsion](http://www.sciencedirect.com/science/article/pii/S1875389217300810)

Pages 224-230

N. Naganawa, S. Awano, M. Hino, M. Hirose, K. Hirota, H. Kawahara, M. Kitaguchi, K. Mishima, T. Nagae, H.M. Shimizu, S. Tasaki, A. Umemoto

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Pages 231-236

H. Hayashida, K. Hiroi, T. Oku, H. Kira, K. Sakai, T. Shinohara, T. Kai, J.D. Parker, Y. Matsumoto, S.Y. Zhang, T. Ino, M. Ohkawara, K. Kakurai

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[Performance of Self-developing Radiography Films in LVR-15's Neutron Beams](http://www.sciencedirect.com/science/article/pii/S1875389217300834)

Original Research Article

Pages 237-242

Jaroslav Soltes, Ladislav Viererbl, Vit Klupak, Miroslav Vins, Bozena Michalcova

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (1342 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300834/pdf?md5=b79d4fc8c682f35f8c3decf199619888&pid=1-s2.0-S1875389217300834-main.pdf)

[The Signal Chain - how the Removal of an Image Intensifier at the AERE Reactor in Bangladesh Improves Neutron Imaging](http://www.sciencedirect.com/science/article/pii/S1875389217300846)

Pages 243-249

Burkhard Schillinger, Sudipta Saha

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (880 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300846/pdf?md5=60dbbc6e57a239339ae413943b3799ac&pid=1-s2.0-S1875389217300846-main.pdf)

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[Methodical Progress in Neutron Imaging at PSI](http://www.sciencedirect.com/science/article/pii/S1875389217300858)

Pages 250-257

E. Lehmann, M. Raventos, R.P. Harti, P. Trtik, A. Kaestner, D. Mannes, C. Grünzweig

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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[Samples to Determine the Resolution of Neutron Radiography and Tomography](http://www.sciencedirect.com/science/article/pii/S187538921730086X)

Pages 258-265

A.P. Kaestner, Z. Kis, M.J. Radebe, D. Mannes, J. Hovind, C. Grünzweig, N. Kardjilov, E.H. Lehmann

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Pages 266-274

Mirco Grosse, Nikolay Kardjilov

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (533 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300871/pdf?md5=277f0c4ee80cc5dcf2cbbf8f16886e98&pid=1-s2.0-S1875389217300871-main.pdf)

[A Method for Neutron Scattering Quantification and Correction Applied to Neutron Imaging](http://www.sciencedirect.com/science/article/pii/S1875389217300883)

Pages 275-281

Marc Raventos, Ralph P. Harti, Eberhard Lehmann, Christian Grünzweig

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (958 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300883/pdf?md5=88d5a7f0ed1f863c380ce213b0d167d3&pid=1-s2.0-S1875389217300883-main.pdf)

[Edge Enhancement Investigations by Means of Experiments and Simulations](http://www.sciencedirect.com/science/article/pii/S1875389217300895)

Pages 282-289

E. Lehmann, M. Schulz, Y. Wang, A. Tartaglione

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (937 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300895/pdf?md5=8a20ae58eaff97a67163b2a04b2b5543&pid=1-s2.0-S1875389217300895-main.pdf)

[Sparse-view Reconstruction of Dynamic Processes by Neutron Tomography](http://www.sciencedirect.com/science/article/pii/S1875389217300901)

Pages 290-298

Hu Wang, Anders Kaestner, Yubin Zou, Yuanrong Lu, Zhiyu Guo

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (987 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300901/pdf?md5=b72718e72a402fa98c6bdd5272c99c67&pid=1-s2.0-S1875389217300901-main.pdf)

[Calibration and Correction Method of the Deflection Angle of Rotation Axis Projection on Neutron Tomography](http://www.sciencedirect.com/science/article/pii/S1875389217300913)

Pages 299-305

Zhilong Ji, Qiang Lin, Xu Han, Jiawei Liu, Wen Zhang, Min Yang

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (4849 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300913/pdf?md5=2c4e3dc733979378013cf9d7e06c3645&pid=1-s2.0-S1875389217300913-main.pdf)

[Reliability Estimation of Neutron Resonance Thermometry Using Tantalum and Tungsten](http://www.sciencedirect.com/science/article/pii/S1875389217300925)

Pages 306-313

Tetsuya Kai, Kosuke Hiroi, Yuhua Su, Takenao Shinohara, Joseph D. Parker, Yoshihiro Matsumoto, Hirotoshi Hayashida, Mariko Segawa, Takeshi Nakatani, Kenichi Oikawa, Shuoyuan Zhang, Yoshiaki Kiyanagi

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[Bimodal Imaging at ICON Using Neutrons and X-rays](http://www.sciencedirect.com/science/article/pii/S1875389217300937)

Pages 314-321

A.P. Kaestner, J. Hovind, P. Boillat, C. Muehlebach, C. Carminati, M. Zarebanadkouki, E.H. Lehmann

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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**Software & Simulation**

[Further Improvement of the RITS Code for Pulsed Neutron Bragg-edge Transmission Imaging](http://www.sciencedirect.com/science/article/pii/S1875389217300949)

Pages 322-330

H. Sato, K. Watanabe, K. Kiyokawa, R. Kiyanagi, K.Y. Hara, T. Kamiyama, M. Furusaka, T. Shinohara, Y. Kiyanagi

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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[Computational Analysis Supporting the Design of a New Beamline for the Mines Neutron Radiography Facility](http://www.sciencedirect.com/science/article/pii/S1875389217300950)

Pages 331-339

C. Wilson, J. King

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (561 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300950/pdf?md5=418bbd6d2440f2ea5db5d90da89518b2&pid=1-s2.0-S1875389217300950-main.pdf)

[Study of Signal to Noise Ratio of Coded Source Neutron Imaging with Analysis Method and Numerical Simulation](http://www.sciencedirect.com/science/article/pii/S1875389217300962)

Pages 340-347

Sheng Wang, Hang Li, Chao Cao, Yang Wu, Heyong Huo, Bin Tang, Yubin Zou, Yuanrong Lu, Guoyou Tang, Zhiyu Guo

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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[A Freeware Path to Neutron Computed Tomography](http://www.sciencedirect.com/science/article/pii/S1875389217300974)

Pages 348-353

Burkhard Schillinger, Aaron E. Craft

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

[PDF (708 K)](http://www.sciencedirect.com/science/article/pii/S1875389217300974/pdf?md5=834e537569b1a7a3f46b8a844c63b87c&pid=1-s2.0-S1875389217300974-main.pdf)

[A Study on Inhomogeneous Neutron Intensity Distribution Origin from Neutron Guide Transportation](http://www.sciencedirect.com/science/article/pii/S1875389217300986)

Pages 354-360

Yu Wang, Guohai Wei, Hongli Wang, Yuntao Liu, Linfeng He, Kai Sun, Songbai Han, Dongfeng Chen

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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[Monte Carlo Simulation for Designing Collimator of the Neutron Radiography Facility in Malaysia](http://www.sciencedirect.com/science/article/pii/S1875389217300998)

Pages 361-368

Rafhayudi Jamro, Nikolay Kardjilov, Mohamad HairieRabir, Mohamed Rawi Mohd Zain, Abdul Aziz Mohamed, NurSazwani Mohd Ali, Faridah Idris, Megat Harun Al Rashid Megat Ahmad, Khairiah Yazid, Hafizal Yazid, Azraf Azman, Mohd Rizal Mamat

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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[Optimization of Moderator Size of Thermal and Epithermal Neutron Source Based on a Compact Accelerator for Neutron Imaging](http://www.sciencedirect.com/science/article/pii/S1875389217301001)

Pages 369-375

Hiroyuki Hasemi, Takashi Kamiyama, Hirotaka Sato, Koichi Kino, Yoshiaki Kiyanagi, Ken Nakajima

[Abstract](http://www.sciencedirect.com/science/journal/18753892/88?sdc=1)

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[Author Index](http://www.sciencedirect.com/science/article/pii/S1875389217301098)

Pages 376-382

[PDF (215 K)](http://www.sciencedirect.com/science/article/pii/S1875389217301098/pdfft?md5=63d3ee24f574cef3cfd0c76e8b80f7c6&pid=1-s2.0-S1875389217301098-main.pdf)

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[PDF (1016 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006173/pdf?md5=d6cdff3ed81ba1292bfa40655dfaed6c&pid=1-s2.0-S1875389215006173-main.pdf)

[Imaging with Cold Neutrons at the CONRAD-2 Facility](http://www.sciencedirect.com/science/article/pii/S1875389215006185)

Pages 60-66

Nikolay Kardjilov, André Hilger, Ingo Manke, Axel Griesche, John Banhart

[PDF (778 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006185/pdf?md5=83b5cd84408acf513108c53b3a46f36e&pid=1-s2.0-S1875389215006185-main.pdf)

[IMAGINE: A Cold Neutron Imaging Station at the Laboratoire Léon Brillouin](http://www.sciencedirect.com/science/article/pii/S1875389215006197)

Pages 67-70

Frédéric Ott, Camille Loupiac, Sylvain Désert, Arnaud Hélary, Pascal Lavie

[PDF (1060 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006197/pdf?md5=d218917e192a0c74660707b101d24780&pid=1-s2.0-S1875389215006197-main.pdf)

[Status of the Neutron Imaging and Diffraction Instrument IMAT](http://www.sciencedirect.com/science/article/pii/S1875389215006203)

Pages 71-78

Winfried Kockelmann, Genoveva Burca, Joe F. Kelleher, Saurabh Kabra, Shu-Yan Zhang, Nigel J. Rhodes, Erik M. Schooneveld, Jeff Sykora, Daniel E. Pooley, Jim B. Nightingale, Francesco Aliotta, Rosa C. Ponterio, Gabriele Salvato, Dario Tresoldi, Cirino Vasi, Jason B. McPhate, Anton S. Tremsin

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Pages 79-86

Linfeng He, Songbai Han, Hongli Wang, Guohai Wei, Yu Wang, Meimei Wu, Yuntao Liu, Dongfeng Chen

[PDF (909 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006215/pdf?md5=f5d4ad4055292c4592dd8a4b14471018&pid=1-s2.0-S1875389215006215-main.pdf)

[Neutron Radiography Facility at IBR-2 High Flux Pulsed Reactor: First Results](http://www.sciencedirect.com/science/article/pii/S1875389215006227)

Pages 87-91

D.P. Kozlenko, S.E. Kichanov, E.V. Lukin, A.V. Rutkauskas, G.D. Bokuchava, B.N. Savenko, A.V. Pakhnevich, A.Yu. Rozanov

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Pages 92-95

Mohammad Hossein Choopan Dastjerdi, Hossein Khalafi

[PDF (386 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006239/pdf?md5=33abcdd781a14aa200ec666e5aa883af&pid=1-s2.0-S1875389215006239-main.pdf)

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Pages 96-103

Yongshun Xiao, Zhiqiang Chen, Yigang Yang, Xuewu Wang

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[The CG-1D Neutron Imaging Beamline at the Oak Ridge National Laboratory High Flux Isotope Reactor](http://www.sciencedirect.com/science/article/pii/S1875389215006252)

Pages 104-108

Lou Santodonato, Hassina Bilheux, Barton Bailey, Jean Bilheux, Phong Nguyen, Anton Tremsin, Doug Selby, Lakeisha Walker

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Pages 109-114

G.C. Daniels, C.B. Franklyn, V. Dangendorf, A. Buffler, B. Bromberger

[PDF (933 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006264/pdf?md5=36f66fc7f9f2c8c124ec1087f985db98&pid=1-s2.0-S1875389215006264-main.pdf)

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Pages 115-123

F.C. de Beer, M.J. Radebe, B. Schillinger, R. Nshimirimana, M.A. Ramushu, T. Modise

[PDF (1159 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006276/pdf?md5=a7c39a04011f376c3cc92c701158dc3b&pid=1-s2.0-S1875389215006276-main.pdf)

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Pages 124-129

Aureliano Tartaglione, Jerónimo Blostein, Florencia Cantargi, Julio Marín, Alberto Baruj, Gabriel Meyer, Javier Santisteban, Fernando Sánchez

[PDF (476 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006288/pdf?md5=ad898dbf97a146b521145424d3b3654d&pid=1-s2.0-S1875389215006288-main.pdf)

[Development and Test of a Neutron Imaging Setup at the PGAA Instrument at FRM II](http://www.sciencedirect.com/science/article/pii/S187538921500629X)

Pages 130-137

S. Söllradl, M.J. Mühlbauer, P. Kudejova, A. Türler

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[Simulation of Collimator for Neutron Imaging Facility of TRIGA MARK II PUSPATI Reactor](http://www.sciencedirect.com/science/article/pii/S1875389215006306)

Pages 138-142

Muhammad Rawi Mohamed Zin, Rafhayudi Jamro, Khairiah Yazid, Hishamuddin Hussain, Hafizal Yazid, Megat Harun Al Rashid Megat Ahmad, Azraf Azman, Glam Hadzir Patai Mohamad, Nai’im Syaugi Hamzah, Mohamad Puad Abu

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Pages 143-151

K. Mochiki, K. Ishizuka, K. Morikawa, T. Kamiyama, Y. Kiyanagi

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Pages 152-160

Manuel Morgano, Eberhard Lehmann, Markus Strobl

[PDF (226 K)](http://www.sciencedirect.com/science/article/pii/S187538921500632X/pdf?md5=143daf227604b7d4a44c79423b3ccfc7&pid=1-s2.0-S187538921500632X-main.pdf)

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Pages 161-168

V.V. Nagarkar, E.E. Ovechkina, H.B. Bhandari, L. Soundara-Pandian, M.J. More, R.A. Riedel, S.R. Miller

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[Improving the Spatial Resolution of Neutron Imaging at Paul Scherrer Institut – The Neutron Microscope Project](http://www.sciencedirect.com/science/article/pii/S1875389215006343)

Pages 169-176

Pavel Trtik, Jan Hovind, Christian Grünzweig, Alex Bollhalder, Vincent Thominet, Christian David, Anders Kaestner, Eberhard H. Lehmann

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Pages 177-184

Koichi Nittoh, Chikara Konagai, Mitsuru Yahagi, Yoshiaki Kiyanagi, Takashi Kamiyama

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Pages 185-188

A.W. Hewat

[PDF (823 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006367/pdf?md5=9f2f64d53a1d1959ee3e7c6ea3a55280&pid=1-s2.0-S1875389215006367-main.pdf)

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Pages 189-197

S. Peetermans, M. Bopp, P. Vontobel, E.H. Lehmann

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Pages 198-201

J.P. Barton, J.D. Rogers

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Pages 202-209

P. Andersson, T. Bjelkenstedt, E. Andersson Sundén, H. Sjöstrand, S. Jacobsson-Svärd

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Pages 210-217

M. Arif, D.S. Hussey, E.M. Baltic, D.L. Jacobson

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Pages 218-226

P. Bingham, H. Santos-Villalobos, N. Lavrik, J. Gregor, H. Bilheux

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[Neutron Bragg Edge Tomography for Phase Mapping](http://www.sciencedirect.com/science/article/pii/S1875389215006422)

Pages 227-236

Robin Woracek, Dayakar Penumadu, Nikolay Kardjilov, Andre Hilger, Mirko Boin, John Banhart, Ingo Manke

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Pages 237-243

Sascha E. Oswald, Christian Tötzke, Sabina Haber-Pohlmeier, Andreas Pohlmeier, Anders P. Kaestner, Eberhard Lehmann

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Pages 244-251

Burkhard Schillinger, Francesco Grazzi

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Pages 252-257

Hu Wang, Yubin Zou, Yuanrong Lu, Zhiyu Guo

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[Experience of the Indirect Neutron Radiography Method Based on the X-ray Imaging Plate at CARR](http://www.sciencedirect.com/science/article/pii/S187538921500646X)

Pages 258-264

Guohai Wei, Songbai Han, Hongli Wang, Linfeng He, Yu Wang, Meimei Wu, Yuntao Liu, Dongfeng Chen

[PDF (441 K)](http://www.sciencedirect.com/science/article/pii/S187538921500646X/pdf?md5=acb373a37d44d392e2f9a7249b4f0ca3&pid=1-s2.0-S187538921500646X-main.pdf)

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Pages 265-270

Y. Saito, D. Ito

[PDF (5681 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006471/pdf?md5=c2b24f3e348af53ae56bdc866f60a233&pid=1-s2.0-S1875389215006471-main.pdf)

[First Attempts on Energy-selective Neutron Imaging at IBR-2](http://www.sciencedirect.com/science/article/pii/S1875389215006483)

Pages 271-274

E.V. Lukin, D.P. Kozlenko, S.E. Kichanov, A.V. Rutkauskas, G.D. Bokuchava, B.N. Savenko

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[Fast Neutron Tomography of Low-Z Object in High-Z Material Shielding](http://www.sciencedirect.com/science/article/pii/S1875389215006495)

Pages 275-283

Ruth Weiss Babai, Iris Sabo-Napadensky, Doron Bar, Ilan Mor, Noam Tamim, Volker Dangendorf, Kai Tittelmeier, Benjamin Bromberger, Mathias Weierganz

[PDF (1278 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006495/pdf?md5=9dfdfdad0b06d8fd088eb8010f641a1e&pid=1-s2.0-S1875389215006495-main.pdf)

[Simulation of Fast Neutron Radiography with a Time-of-Flight System](http://www.sciencedirect.com/science/article/pii/S1875389215006501)

Pages 284-291

D. Chen, J. Bao, Q. Zhang, S. Han, J. Ren, Y. Nie, X. Ruan, L. Hou

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[On-the-fly Neutron Tomography of Water Transport into Lupine Roots](http://www.sciencedirect.com/science/article/pii/S1875389215006513)

Pages 292-298

Mohsen Zarebanadkouki, Andrea Carminati, Anders Kaestner, David Mannes, Manuel Morgano, Steven Peetermans, Eberhard Lehmann, Pavel Trtik

[PDF (1162 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006513/pdf?md5=1f0d892a4383788445933cc9fcad154e&pid=1-s2.0-S1875389215006513-main.pdf)

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Pages 299-303

M. Lerche, A.S. Tremsin, B. Schillinger

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Pages 304-313

Ilan Mor, Volker Dangendorf, Marcel Reginatto, Frank Kaufmann, David Vartsky, Michal Brandis, Doron Bar, Mark B. Goldberg

[PDF (5652 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006537/pdf?md5=0d1c61f8db50f75429687a2514774418&pid=1-s2.0-S1875389215006537-main.pdf)

[Laue Diffraction Using Scintillator Detectors](http://www.sciencedirect.com/science/article/pii/S1875389215006549)

Pages 314-319

Gail N. Iles, Steven Peetermans, Susan Schorr, Eberhard Lehmann

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[Edge Refraction Contrast Imaging on a Coventional Neutron Diffractometer Employing Dispersive Double-Crystal Monochromator](http://www.sciencedirect.com/science/article/pii/S1875389215006550)

Pages 320-326

Pavol Mikula, Miroslav Vrána, Dušan Korytár

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[Influence of Surface Structures on the Entry of Neutrons into Moderating Material](http://www.sciencedirect.com/science/article/pii/S1875389215006562)

Pages 327-335

K. Thomsen, T. Reiss, P. Vontobel

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Pages 336-342

A.P. Kaestner, M. Schulz

[PDF (1334 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006574/pdf?md5=079997e0d540bd8ba275da995125864c&pid=1-s2.0-S1875389215006574-main.pdf)

[iMARS (iMaging Analysis Research Software)](http://www.sciencedirect.com/science/article/pii/S1875389215006586)

Pages 343-348

Jean-Christophe Bilheux, Hassina Bilheux

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Pages 349-357

Hirotaka Sato, Yoshinori Shiota, Takenao Shinohara, Takashi Kamiyama, Masato Ohnuma, Michihiro Furusaka, Yoshiaki Kiyanagi

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[Precision of Porosity Calculation from “Material Stopping Power” Using Neutron Radiography](http://www.sciencedirect.com/science/article/pii/S1875389215006604)

Pages 358-365

Robert Nshimirimana, Mabuti Radebe, Frikkie de Beer

[PDF (2808 K)](http://www.sciencedirect.com/science/article/pii/S1875389215006604/pdf?md5=0ec811d7b1bab3ba3b70d39ee6d44d47&pid=1-s2.0-S1875389215006604-main.pdf)

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Pages 366-373

John Rogers, Alex Amaral-Rogers, Marios Christodoulou

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Pages 374-381

Ryoichi Taniguchi, Norio Ito

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Pages 382-387

Sasiphan Khaweerat, Wichian Ratanatongchai, Jatechan Channuie

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Pages 388-391

J.P. Barton, J.D. Rogers

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[Au Foil Activation Measurement and Simulation of the Concrete Neutron Shielding Ability for the Proposed New SANRAD Facility](http://www.sciencedirect.com/science/article/pii/S1875389215006653)

Pages 392-398

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