Publications

PTB departments 6.4 and 6.5
'Ion Accelerators and Reference Radiation Fields' and 'Neutron Radiation'
(July 2003 – February 2009)

PTB department 6.4 'Neutron Radiation'
(January 2000 - June 2003)

PTB departments 6.3 and 6.4
'Neutron and Ion Dosimetry' and 'Neutron Metrology'
(March 1997 - December 1999)

Reprints are available upon request from:

Physikalisch-Technische Bundesanstalt
department 6.4 "Ion Accelerators and Reference Radiation Fields"
or
department 6.5 "Neutron Radiation"
Bundesallee 100
D-38116 Braunschweig
Germany

I. Contributions to journals, books, proceedings ....

323. **R. Lauck, M. Brandis, B. Bromberger, V. Dangendorf, M. B. Goldberg, I. Mor, K. Tittelmeier D. Vartsky:**
Low-Afterglow, High-Refractive-Index Liquid Scintillators for Fast-Neutron Spectrometry and Imaging Applications
submitted for publication in IEEE Trans. Nucl. Science

322. **S. Röttger, A. Heiske, R. Nolte:**
Investigation of the Neutron Contribution in the 6 MeV to 7 MeV High Energy Photon Reference Field
submitted for publication in Radiat. Prot. Dosim.

321. **I. Mor, D. Vartsky, D. Bar, G. Feldman, M. B. Goldberg, D. Katz, E. Sayag, I. Shmueli, Y. Cohen, A. Tal, Z. Vagish, B. Bromberger, V. Dangendorf, D. Mugai, K. Tittelmeier, M. Weierganz:**
High Spatial Resolution Fast-Neutron Imaging Detectors for Pulsed Fast-Neutron Transmission Spectroscopy
submitted for publication in JINST (Journal of Instrumentation)

320. **F. d'Errico, R. Ciolini, A. Di Fulvio, M. Reginatto, J. Esposito, C. Ceballos Sànchez, P. Colautti**:
Angle- and energy-differential neutron spectrometry for the SPES BNCT facility
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319. **D. Vartsky, G. Feldmann, I. Mor, M.B. Goldberg, D. Bar, V. Dangendorf:**
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Intercomparison of radiation protection devices in a high-energy stray neutron field Part III: Instrument response
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315. **A. Breskin, R. Alon, M. Cortesi, R. Chechik, J. Miyamoto, V. Dangendorf, J. Maia, J.M.F. Dos Santos**:
A Concise Review on THGEM Detectors
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Multi-Frame Energy-Selective Imaging System for Fast-Neutron Radiography
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313. **D. Marocco, F. Belli, B. Esposito, M. Riva, L. Giacomelli, R. Reginatto, K. Tittelmeier, A. Zimbal**:
High Count Rate Neutron Spectrometry with Liquid Scintillation Detectors
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312. **R. Behrens and S. Röttger**
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310. **M. Albers, C. Kiefer, M. Reginatto:**
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309. **R. Behrens, N. Greif, F. Wissmann**:
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308. **P. Beck, D. T. Bartlett, P. Bilski, C. Dyer, E. Flückiger, N. Fuller, P. Lantos, G. Reitz, W. Rühm, F. Spurny, G. Taylor, F. Trompier and F. Wissmann:**
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298. **K. Seidel, P. Batistoni, U. Fischer, H. Freiesleben, A. Klix, D. Leichtle, E. Pönitz, S. Unholzer:**
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Characterisation of Mixed Neutron-Photon Workplace Fields at Nuclear Facilities by Spectrometry (Energy and Direction) within the EVIDOS Project
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