## *Prof. Dr. Petra J. Panak*

**Current positions**

Head of Group, "Coordination Chemistry of Actinides" at Institute for Nuclear Waste Disposal (INE), KIT (since 2001).

Professor, Heidelberg University (since 2008).

**Previous positions (two selected)**

Scientist, Institute of Radiochemistry, Research Center Dresden-Rossendorf (now HZDR) (1996-1999).

Head of Group, Glenn T. Seaborg Center, Lawrence Berkeley National Laboratory, Berkeley, California, USA (1999-2001).

**Scientific degrees**

Dr. rer. nat. (PhD) in Radiochemistry, Technical University of Munich (1996), Habilitation, Heidelberg University (2006).

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| **Recent research topics** | Coordination Chemistry of Actinides and Lanthanides |
| **Awards, memberships** | Fritz-Strassmann-Award, German Chemical Society (GDCh) (2005).<br>Vice chair of the scientific advisory board of the Helmholtz-Center Dresden-Rossendorf (HZDR) (since 2014). |

**Publications (**5 most important)


- **C. Wagner**, E. Mossini, E. Macerata, **A. Geist, P.J. Panak**, et al., Time-resolved laser fluorescence spectroscopy study of the coordination chemistry of a hydrophilic CHON [1,2,3-triazol-4-yl]pyridine ligand with Cm(III) and Eu (III), *Inorg. Chem.* 56, 2135 (2017) doi:10.1021/acs.inorgchem.6b02788
- C. Kiefer, A.T. Wagner, **B.B. Beele**, **A. Geist, P.J. Panak**, et al., A complexation study of 2,6-bis(1-(p-tolyl)-1H-1,2,3-triazol-4-yl)pyridine using single crystal X-ray diffraction and TRLFS, *Inorg. Chem*. 54, 7301 (2015) doi:10.1021/acs.inorgchem.5b00803
- **C. Adam, B.B. Beele, A. Geist, U. Müllich, P.J. Panak**, et al., NMR and TRLFS Studies of Ln(III) and Am(III) C5-BPP Complexes, *Chem. Sci.* 6, 1548 (2015) doi:10.1039/c4sc03103b
- **N. Bauer,** D.R. Fröhlich, **P.J. Panak**, Interaction of Cm(III) and Am(III) with human serum transferrin studied by time-resolved laser fluorescence and EXAFS spectroscopy*, Dalton Trans*. 43(18), 6689 (2014) doi:10.1039/c3dt53371a
- S. Höfener, **M. Trumm**, **A. Skerencak-Frech, B. Schimmelpfennig, P.J. Panak**, et al., Computing UV/vis spectra using a combined molecular dynamics and quantum chemistry approach: bis-triazin-pyridine (BTP) ligands studied in solution*, Phys. Chem. Chem. Phys*. 18, 7728 (2016) doi:10.1039/c5cp07540h