

Vorträge⁺

Stuttgart: Frühjahrstagung der DPG, Atome, Moleküle, Quantenoptik und Plasmen (AMOP), 13.03.2012

W. Nörtershäuser
High Precision Laser Spectroscopy at the Storage Ring ESR

Ascona, Schweiz: Uranium Biogeochemistry: Transformations and Applications, 11.-16.03.2012

T. Reich*, S. Amayri, D.R. Fröhlich, U. Kaplan
Speciation of actinides during sorption on clay surfaces

Bad Honnef: 501. Heraeus Seminar "Nuclear Ground-State Properties of the Lightest Nuclei", Physikzentrum, 21.03.2012

W. Nörtershäuser
Nuclear Charge Radius of Lithium-11

W. Nörtershäuser
Nuclear Charge Radius Measurement of Beryllium Isotopes

Mainz: DPG Frühjahrstagung 2012, 19.03. - 22.03.2012

Ch. E. Düllmann for the TASCA Element-120 Collaboration
Die Synthese neuer superschwerer Elemente an der GSI: Suche nach Element 120 am Rückstoßseparator TASCA

W. Nörtershäuser
Laser Spectroscopy on relativistic $\text{Bi}^{82+}/^{80+}$ Ions at the Storage Ring ESR / GSI

Darmstadt: Merck: Serono Medicinal Chemistry Forum, 27.03.2012

T. L. Ross*
Radiopharmaceutical Chemistry – Spot on Positron Emitters and PET Imaging

Bonn-Bad Godesberg: SFB 634 - Workshop 2012, 02.04.2012

W. Nörtershäuser
Laser spectroscopic determination of nuclear ground state properties: Recent progress and challenges

Köln: Workshop des BMWi-Verbundprojektes „Rückhaltung endlagerrelevanter Radionuklide im natürlichen Tongestein und in salinaren Systemen“, 03.-04.04.2012

A. Petralia, J. Rosemann
Aktuelle Ergebnisse zu pH-Messungen bei höheren Ionenstärken

Granada, Spanien: Universidad de Granada, Facultad de Ciencias, Departamento de Microbiología, 17.-20.04.2012

S. Amayri*, J. Drebert, D.R. Fröhlich, U. Kaplan, T. Reich
Speciation of actinides after sorption on clays

T. Reich*
Introduction to X-ray absorption spectroscopy and X-ray photoelectron spectroscopy

Bremen: 50. Jahrestagung der Deutschen Gesellschaft für Nuklearmedizin, 25.04. - 28.04.2012

E. Eppard, F. Rösch
Labeling of HPMA-based, functionalized polymer-systems using metallic radionuclides

M. Meckel, M. Fellner, F. Rösch
Dimere und tetramere-Bisphosphonate als potentielle Theranostika

H. Schieferstein, C. Müller, T. L. Ross
Fluorine-18 click-labeling and evaluation of a folic acid derivative with enhanced polarity

Weilrod: ENSAR-ECOS Workshop on Future SuperHeavy Element Strategy, FUSHE2012, May 13. - 16.05.2012

R. D. Herzberg, Ch. E. Düllmann
Summary – Experiment

+ Vortragender unterstrichen, falls nicht an erster Stelle aufgeführt
* auf Einladung

Mainz: TRAKULA Workshop: Radiochemistry of the Actinides, 21. - 23.05.2012

N. Trautmann
Die Entdeckung der Kernspaltung im Dezember 1938

Valencia: Spanien: 9th International Symposium on Polymer Therapeutics: From Laboratory to Clinical Practice, 28.05.2012

H. Schieferstein, C. Grunewald, M. Allmeroth, D. Moderegger, B. Bisalski, G. Hampel, O. Thews, F. Rösch, R. Zentel, T.L. Ross
Folate receptor targeted delivery of polymer conjugates monitored by PET

St. Petersburg, Florida: USA: CIPANP 2012, 29.05. - 03.06.2012

W. Nörtershäuser
Charge Radii of Neutron-Rich Light Isotopes by High-Precision Laser Spectroscopy

Paris, Frankreich: LAP2012 – 6th International Conference on Laser Probing, 04.06. - 08.06.2012

P. Schönberg, N. Stöbener, J. Drebert, N. Trautmann, K. Wendt, G. Passler, T. Reich
Application of RIMS for ultratrace analysis of ^{99}Tc

Miami, USA: Meeting of the Society of Nuclear Medicine & Molecular Imaging, 09.06.2012

E. Eppard, M. Pruszyński, R. Mikolajczak, E. Koumariou, M. Miederer, R. Baum, F. Roesch
 ^{44}Sc -labelled octreotides: Synthesis, stability, in vitro, ex vivo, and in vivo behaviour

M. Jahn, V. Radchenko, H. Hauser, M. Eisenhut, F. Roesch, M. Jennewein
Separation of nca ^{77}As from reactor irradiated Ge dioxide targets via liquid-liquid extraction and HBr and subsequent labeling of monoclonal antibodies

D. Moderegger, M. Allmeroth, O. Thews, R. Zentel, F. Roesch
Influence of size and structural design of HPMA-based drug carrier devices on body distribution and tumor uptake in vivo

M. Piel, U. Schmitt, I. Vernaleken, N. Bausbacher, H. Lüddens, F. Roesch
Influence of different anesthesia on the brain uptake of $[^{18}\text{F}]\text{Fallypride}$

V. Radchenko, D. Filosofov, O. Bochkov, N. Lebedev, F. Roesch
Alternative rapid separation strategy for isolation of no-carrier added ^{90}Nb from Zr target, for application in immuno-PET

H. Schieferstein, M. Piel, N. Bausbacher, F. Roesch
In vivo evaluation of pegylated- $[^{18}\text{F}]\text{harmine}$ derivatives: Selective re-versible MAO-A inhibitors

M. Zimny, B. Yilmaz, M. Piel, N. Bausbacher, B. Biesalski, O. Thews, F. Roesch
In vitro and in vivo testing of ^{68}Ga -Schiff base derivatives for myocardial PET imaging

Nobel Symposium NS 152 - Physics with Radioactive Beams, Göteborg, Sweden: 10.06.-15.06.2012

W. Nörtershäuser
Laser Spectroscopy of Radioactive Isotopes for Nuclear Structure Studies

Eltville: International Conference on Precision Physics of Simple Atomic Systems – PSAS 2012, 11.06.2012

W. Nörtershäuser
Laser Spectroscopy on relativistic $\text{Bi}^{82+}/^{80+}$ Ions at the Storage Ring ESR / GSI

Münster: Gemeinsames Seminar des Forschungsschwerpunkts Teilchenphysik, Institut für Kernphysik der Universität Münster, 15.06.2012

W. Nörtershäuser
Laser Spectroscopy on relativistic $\text{Bi}^{82+}/^{80+}$ Ions at the Storage Ring ESR / GSI

Loveno-di-Menaggio, Italien: ECOS 2012: Advances and challenges in nuclear physics with high intensity stable beams, 18 - 21.06.2012

Ch. E. Düllmann
Recoil Separator experiments with highly intense stable beams: status and perspectives

Mainz: GDCh-JungChemikerForum Mainz-Wiesbaden, Arbeitskreissymposium 2012, 29.06.2012

T. Reich
Sichere Entsorgung hochradioaktiver Abfälle – Beitrag der Chemie

Mainz: Interdisziplinäres Doktorandenseminar des DAsp und des A.M.S.El. an der Johannes Gutenberg-Universität Mainz, 09. - 11.07.2012

U. Kaplan, S. Amayri, D.R. Fröhlich, J. Drebert, D. Grolimund, T. Reich
Micro-XRF/-XRD/-XANES study of Pu(VI) sorption and diffusion in Opalinus Clay

M. Lübke, s. Amayri, T. Reich
Neptunium(v) sorption on mackinawite (FeS)

N. Stöbener, T. Gottwald, S. Raeder, G. Passler, T. Reich, N. Trautmann, K. Wendt
Resonance Ionization Mass Spectrometry (RIMS) for ultratrace detection of neptunium

Moskau, Russland: Kurnakov-Institut für Allgemeine und Anorganische Chemie, Russ. AdW, 18.07.2012

T. Reich*, S. Amayri, D.R. Fröhlich, U. Kaplan
Synchrotron study of the interaction of Np and Pu with clay

Moskau, Russland: 7th European Summer School on Supramolecular, Intermolecular, Interaggregate Interactions and Separation Chemistry, 20. - 23.07.2012

U. Kaplan, S. Amayri, J. Drebert, D.R. Fröhlich, D. Grolimund, T. Reich
Interaction of plutonium with natural clay

T. Reich*
Sorption and diffusion of actinides in clays

N. Stöbener, P. Schönberg, G. Passler, T. Reich, N. Trautmann
Resonance ionization mass spectrometry (RIMS) – a powerful tool for ultratrace analysis of long-lived radionuclides

Warschau, Polen: COST TD1004 Working Group 1 Meeting, 27.08.2012

M. Meckel, V. Kubicek, M. Fellner, P. Hermann and F. Rösch
NOTA- and dimeric DOTA-Bisphosphonates, labeling studies and in vivo evaluation with Ga-68

D. Moderegger, M. Allmeroth, O. Thews, R. Zentel, F. Rösch
Molecular imaging of HPMA-based drug carrier systems for drug delivery: Influence of size, architecture and surface modification on the performance in vivo

Prag, Tschechien: 4th EuCheMS Chemistry Congress, Symposium on Environmental Radiochemistry, 26.-30.08.2012

T. Reich*
Environmental applications of XAFS spectroscopy

Heidelberg:HCI 2012, 05.09.2012

W. Nörtershäuser
Ground-state hyperfine transition in Li-like Bi

Heidelberg: 11th International Symposium on the Synthesis and Applications of Isotopes and Isotopically Labelled Compounds, 09.09.2012

H. Schieferstein, J. Seemann, T. Betzel, V. Groehn, S. D. Krämer, S. M. Ametamey, R. Schibli, C. Müller, T. L. Ross*
¹⁸F- and ⁶⁸Ga-labelled folic acid derivatives for PET imaging

D. Moderegger, M. Allmeroth, O. Thews, R. Zentel, F. Rösch
Molecular imaging of HPMA-based drug carrier systems for drug delivery: Influence of size, architecture and surface modification on the performance in vivo

Tsukuba, Japan: 15th International Congress on Neutron Capture Therapy, 10.09.2012

C. Grunewald, H. Schieferstein, D. Iffland, G. Hampel, P. Langguth, T. L. Ross
Boron uptake via folate receptor targeting

Obergurgl, Österreich: European Conference on Trapped Ions, 10. - 14.09.2012

W. Nörtershäuser
Tests of relativity and bound-state QED at the Experimental Storage Ring ESR

Tsukuba, Japan: 15th International Congress on Neutron Capture Therapy, 10.09.2012

C. Grunewald, H. Schieferstein, D. Iffland, G. Hampel, P. Langguth, T. L. Ross
Boron uptake via folate receptor targeting

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* auf Einladung

Darmstadt: GSI Helmholtzzentrum für Schwerionenforschung GmbH, GSI, 12. - 14.09.2012

Ch. E. Düllmann
Serach vor element 119

Como, Italien: EuCheMS 8th International Conference on Nuclear and Radiochemistry, 16. - 21.09.2012

S. Amayri, U. Kaplan, J. Drebert, D. Grolimund, T. Reich
Application of microbeam synchrotron techniques to determine the distribution and speciation of plutonium after uptake by Opalinus

M. Beck, W. Heil, J. Karch, Th. Lauer, Th. Zechlau, Ch. Düsing, K. Eberhardt, G. Hampel, Ch. Plonka-Spehr, T. Reich, Yu. Sobolev*, N. Trautmann
The very powerful UCN source at the reactor TRIGA Mainz - Application for precise measurements of the neutron half-life

Ch. E. Düllmann
Element 114 is a volatile metal

J.V. Kratz*
The impact of the properties of the heaviest elements on the chemical and physical sciences

T. Reich*, S. Amayri
Study of neptunium sorption on clay and clay minerals using X-ray absorption spectroscopy

Debrecen, Ungarn: 10th International Conference on Clustering Aspects of Nuclear Structure and Dynamics, CLUSTER12, 24. - 28.09.2012

Ch. E. Düllmann
Search for Superheavy Elements at GSI

Gaithersburg, USA: ICAMDATA 2012: Eighth International Conference on Atomic and Molecular Data and Their Applications, National Institute of Standards and Technology (NIST), 30.09. - 04.10.2012

W. Nörtershäuser
High precision atomic data for halo nuclei and related nuclear structure

Bad Honnef: 20th Annual Meeting of the Working Group Radiochemistry / Radiopharmacy of the German Association of Nuclear Medicine, 04.10.2012

H. Schieferstein, C. Grunewald, K. Kettenbach, D. Iffland, C. Schütz, G. Hampel, T.L. Ross
Synthese und Evaluierung eines Borfolats für die BNCT

M. J. Zimny, B. Yilmaz, M. Piel, N. Bausbacher, B. Biesalski, O. Thews, F. Rösch
In vitro und in vivo Vergleich von ⁶⁸Ga-Schiff'sche Basen-Verbindungen zur PET-Herzdiagnostik

Fréjus, Frankreich: Ecole Joliot-Curie School: Nuclei through the looking glass: high intensity stable and ISOL beam frontier", 30.09. - 05.10.2012

Ch. E. Düllmann
Quest for superheavy elements

Karlsruhe: ANKA/KNMF User Meeting 2012, 10.10.2012

T. Reich*
Application of X-ray absorption spectroscopy to environmental actinide chemistry

Kolkata, Indien: "NUSTAR Week 2012", Variable Energy Cyclotron Centre, 08.10. - 12.10.2012

W. Nörtershäuser
LASPEC - Laser Spectroscopy at the Low-Energy Beamline at FAIR

Höchst: 15. Workshop des Instituts für Kernchemie, 10. - 12.10.2012

T. Reich
Beitrag der Chemie zur Endlagerforschung

Jülich: Seminar im Institut für Energie- und Klimaforschung, Forschungszentrum Jülich, 18.10.2012

T. Reich*
Wechselwirkung von Neptunium und Plutonium mit Tongestein

Mailand, Italien: 25th Annual European Association of Nuclear Medicine Congress, 27.10.2012

E. Eppard, N. S. Loktionova, F. Roesch
Quantitative determination of ^{68}Ge breakthrough of $^{68}\text{Ge}/^{68}\text{Ga}$ generators via TLC

E. Eppard, F. Roesch
Development of an ethanol-based post-processing for generator-produced ^{68}Ga for medical application

M. Perez-Malo, Cruz, F. Roesch
Improved efficacy of synthesis of ^{68}Ga radiopharmaceuticals in mixtures of aqueous solution and non-aqueous solvents

London, UK: COST TD1004 Annual Meeting, 28.10.2012

D. Moderegger, M. Allmeroth, O. Thews, R. Zentel, F. Rösch
Molecular imaging of HPMA-based drug carrier systems: Influence of size and polymer architecture on body distribution and tumor uptake in vivo

H. Schieferstein, D. Moderegger, M. Allmeroth, B. Bisalski, O. Thews, R. Zentel, F. Rösch, T. L. Ross
Folate Receptor Targeted Delivery of Supramolecular Drug-Carriers Monitored by PET

K. Stockhofe, D. Goempel, W. Tremel, T. L. Ross
Radiolabelling of TaOx Nanoparticles for Dual-Modality Imaging

München: 3. Workshop des BMWi-Verbundprojektes „Rückhaltung endlagerrelevanter Radionuklide im natürlichen Tongestein und in salinaren Systemen“, 29.- 30.10.2012

S. Amayri, A. Damm, J. Rosemann, T. Reich
Einfluss der Salinität auf die Sorption von Np(V) an Tonmineralien

Darmstadt TU: Antrittsvorlesung, Physikalisches Kolloquium, 02.11.2012

W. Nörtershäuser
Atomkerne im Laserlicht - Laserspektroskopie an der Schnittstelle von Atom- und Kernphysik

Dresden: International workshop on advanced techniques in actinide spectroscopy (ATAS) 05. - 07.11.2012

M. Lübke, S. Amayri, J. Drebert, T. Reich
Spectroscopic study of the reaction of neptunium(V) with synthetic nanocrystalline mackinawite (FeS)

S. Amayri, U. Kaplan, J. Drebert, D. Grolimund, T. Reich
Speciation and distribution of plutonium after uptake by Opalinus Clay using synchrotron microbeam techniques

Genf, Schweiz: ISOLDE Seminar, 28.11.2012

Ch. E. Düllmann
Superheavy element research at GSI

Sansibel, Island: USA5th International conference on fission and properties of neutron-rich nuclei, ICFN5, 04.11. - 10.11.2012

Ch. E. Düllmann for the TASCAs collaboration.
Superheavy element research at TASCAs at GSI.

Groningen: Niederlande: General FANTOM Study Week on Photon Science, 05.11. - 08.11.2012

W. Nörtershäuser
Laser spectroscopy on ion beams: testing fundamental interactions and symmetries

Wien, Österreich: SPARC Workshop, 28.11.2012

W. Nörtershäuser
Laser spectroscopy at the HESR
Hyperfine splitting in Li-like Bismuth ions

Genoble, Frankreich: General ILL Seminar 04.12.2012

Ch. Plonka-Spehr
Test of the electrical neutrality of the free neutron with a sensitivity on the level of 10^{-22} qe