

Workshops, meetings, seminars and talks at the GSI in 2008

Compiled by K. Große

- Andreas Schäfer/Universität Regensburg: **The Structure of Hadrons**. GSI Kolloquium, 15.01.2008.
- D. Schardt, GSI Darmstadt: **Applications of High-energy Ion Beams in Space Research**. Atomphysik-Seminar, 16.01.2008.
- P. Schnizer, GSI, B. Schnizer, TU Graz: **Magnetic Field Characterization in Elliptic Apertures and Application to SIS100 Magnets**. Beschleuniger-Palaver, 17.01.2008.
- C. Schacht, Fa Swipe, Nürnberg: **E-Mail-Archivierung mit Exchange(et)PAM**. IT/EE-Palaver, 22.01.2008.
- Roland Sauerbrey/Forschungszentrum Rossendorf: **Laser-Particle-Acceleration**. GSI Kolloquium, 22.01.2008.
- C. Novotny, Universität Mainz: **Doppler-free spectroscopy of Lithium ions with 34% of the speed of light**. Atomphysik-Seminar, 23.01.2008.
- Yuri Litvinov, GSI: **Recent decay studies in the ESR**. NuSTAR Seminar, 23.01.2008.
- Volker Metag/Universität Gießen: **Testing our understanding of hadron masses**. GSI Kolloquium, 29.01.2008.
- C. Hanhart, Jülich: **A method to identify hadronic molecules and its application to X(3872)**. Theorie-Seminar, 30.01.2008.
- Horst Stöcker: **Das kleine schwarze Loch - Abfalleimer und Energielieferant**. Wissenschaft für Alle, 30.01.2008.
- U. Schramm, FZ Dresden-Rossendorf: **Momentum Control of Charged Particles with Light**. Atomphysik-Seminar, 30.01.2008.
- NUSTAR Annual Meeting, 30.01-01.02.2008.
- Rajendran Raja, Fermilab: **The MIPP Experiment - Status and Upgrade plans**. Sonderseminar, 02.02.2008.
- CS Framework HandsOn-Training, 04.02-20.02.2008.
- P. Thirolf, LMU München: **Particle acceleration by high power lasers: A novel tool for fundamental physics studies in the ultrahigh-field regime**. Atomphysik-Seminar, 06.02.2008.
- CS Framework Workshop 2008, 07.-08.02.2008.
- N. A. Tahir, GSI: **Summary and Highlights of the 28th HIRSCHEGG Workshop on High Energy Density Physics**. Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 12.02.2008.
- R. O. Erhardt, Firma Diginet: **Appliance-Lösungen zur E-Mail-Archivierung mit den Produkten BytStorMail und E-Mail Archive Appliance, EMA**. IT/EE-Palaver, 12.02.2008.
- Y. Litvinov and F. Bosch, GSI Darmstadt: **Observation of non-exponential orbital electron capture of hydrogen-like ^{140}Pr and ^{142}Pm ions**. Atomphysik-Seminar, 13.02.2008.
- Alexander Volkov, Russian Research Centre 'Kurchatov Institute', Moscow: **Thermal spike models of material excitation in swift heavy ion tracks. Effect of experiments made in GSI**. Seminar der Materialforschung, 18.02.2008.
- W. Schön: **Das Lustre Filesystem bei GSI**. IT/EE-Palaver, 19.02.2008.
- Andrea Accomazzo, ESOC: **Rosetta: trip to a comet**. NuSTAR Seminar, 20.02.2008.
- Christoph Bert: **Bestrahlung von bewegten Tumoren - Weiterentwicklung der Schwerionentherapie**. Wissenschaft für Alle, 20.02.2008.
- XI CBM Collaboration Meeting, 26.-29.02.2008.
- XI Collaboration Meeting of CBM Experiment at FAIR, 26.-29.02.2008.
- Leonid Grigorenko, JINR-Dubna: **New vision of $^{8,9,10}\text{He}$ spectra - theory and experiment**. NuSTAR Seminar, 27.02.2008.
- Petra Schütt: **Remote Trouble Shooting with GANMVL**. Beschleuniger-Palaver, 28.02.2008.
- H. Pant, Bhabha Atomic Research Centre Bombay: **Laser-induced Shock Pressure Multiplication in Multi-Layer Thin-Foil Targets**. Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 9.02.2008.
- Jens Schwarz, Matthias Geissel: **Sandia's Z-Backlighter Facility update and recent experiments with the 100TW laser system**. Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 03.03.2008.
- XXIV. PANDA Collaboration Meeting, 03.-07.03.2008.
- Dietrich Beck, GSI: **Neues vom CS-Framework**. IT/EE-Palaver, 11.03.2008.
- Leonid Dubrovinsky, Bayerisches Geoinstitut, Universität Bayreuth: **Chemistry at extreme conditions: from geosciences to synthesis of new materials**. Seminar der Materialforschung, 11.03.2008.
- Sebastian Hess: **Beschleuniger im Himmel und auf Er-**

den - oder: Verbotene Farben - wie das Nebulium zu seinem Namen kam. Wissenschaft für Alle, 16.03.2008.

Workshop on Strangeness at SIS Energies. 17.03.2008.

Ralf Rosenberger, Fa. Additive: **Mathematica 6: Mathematica Reinvented.** IT/EE-Palaver, 18.03.2008.

Charles Rhodes, University of Illinois, Chicago: **Power scaling optimization of 2.9 angstrom Xe (L) x-ray amplifier to the multi-petawatt level.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 28.03.2008.

Hideyuki Sakai, University of Tokyo: **Study of the intermediate states of double-beta decay via (p,n) and (n,p) reactions.** Sonderseminar, 31.03.2008.

Michael Schreckenber/Universität Duisburg-Essen: **Phenomena and Theory of Traffic Dynamics.** GSI Kolloquium, 01.04.2008.

Stefan Typel, GSI a. TU München: **Pseudospin, super-symmetry and the shell structure of atomic nuclei.** NuSTAR Seminar, 02.04.2008.

Gerhard Materlik/Diamond House, UK: **Diamond Light Source: a Next Generation Synchrotron User Facility.** GSI Kolloquium, 04.04.2008.

V. T. Tikhonchuk, Centre Lasers Intenses et Applications, Universit Bordeaux 1, CEA, CNRS, Talence, France: **Smoothing of laser beam intensity fluctuations in a low density foam plasma.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 08.04.2008.

Saidur Rahaman, University of Jyväskylä: **The JYFLTRAP facility for accurate mass and Q-value determinations.** NuSTAR Seminar, 10.04.2008.

Ionenstrahlphysik und Nanotechnologie GSI-Workshop. 11.-12.04.2008.

Dimitri Batani, Universita di Milano Bicocca, Milano, Italy: **Smoothing of laser energy deposition for Inertial Confinement Fusion.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 15.04.2008.

Dominique Vernhet/Universite Pierre et Marie Curie, Paris: **Converting laser light to x-rays using clusters.** GSI Kolloquium, 15.04.2008.

Ralf Rosenberger, Fa. Additive: **Origin 8: Der Datenanalyse- und Graphik-Workspace.** IT/EE-Palaver, 15.04.2008.

Jens Stadlmann: **Das Heer der Ringe - die FAIR-Beschleunigeranlage.** Wissenschaft für Alle, 16.04.2008.

Julia H. Jungmann, RuG / KVI: **Simplified Optimal Digital Trigger - with guidelines for experimental controls interaction.** NuSTAR Seminar, 16.04.2008.

L.-W. Chen, Shanghai: **Probing the nuclear symmetry**

energy with heavy-ion reactions induced by neutron rich nuclei. Theorie-Seminar, 16.04.2008.

J. Adamczewski, H. Essel, S. Linev: **Data Acquisition Backbone Core DABC: Design, Performance, MBS-Demo.** IT/EE-Palaver, 22.04.2008.

Peter Spiller, GSI Darmstadt: **Perspectives for Plasma Physics Experiments by the SIS18 upgrade Program.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 22.04.2008.

Ulrich Heinz, The Ohio State University/CERN: **Quark soup - the perfect liquid.** GSI Kolloquium, 22.04.2008.

C. Eichhorn, Univ. Stuttgart: **Laser-induced fluorescence on xenon for application on ion thruster plasma parameter investigations: First steps towards two-photon spectroscopy.** Atomphysik-Seminar, 23.04.2008.

G. Thiamova, Waterloo: **Coupled SU(3) models of rotational states in nuclei and quasi-dynamical symmetry.** Theorie-Seminar, 23.04.2008.

Brigitte Cros, Universite Paris Sud, Orsay: **Controlled electron acceleration in plasmas: Overview of the EuroLEAP project.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 29.04.2008.

Ulf-G. Meissner, Univ. Bonn and FZ Jülich: **Nuclear physics from simulations.** GSI Kolloquium, 29.04.2008.

B. O'Rourke, Queens University Belfast and GSI Darmstadt: **Collisions of Highly Charged Ions with Electrons and Surfaces.** Atomphysik-Seminar, 30.04.2008.

Birgit Kindler, GSI: **Solid targets at GSI.** NuSTAR Seminar, 30.04.2008.

Federico Carminati/CERN: **Software Development in HEP: a critical look.** GSI Kolloquium, 30.04.2008.

Jürgen Meyer-ter Vehn, Max-Planck-Institut für Quantum Optik, Garching: **Neue Ideen zur Erzeugung von intensiven Ionen-, Elektronen- und Photonen-Pulsen durch Laserbestrahlung von Nanometer-dicken Folien.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 06.05.2008.

D. B. Thorn, Univ. of California, Davis, and Lawrence Livermore Nat. Lab. Livermore, USA: **Spectroscopic Investigations of Highly Charged Xenon with a Quantum Microcalorimeter.** Atomphysik-Seminar, 07.05.2008.

Concettina Sfienti, GSI: **Exploring the symmetry energy with heavy ion reactions.** NuSTAR Seminar, 11.05.2008.

Jens Stadlmann, GSI: **From source to target.** NuSTAR Seminar, 14.05.2008.

M. Bussmann, FZ Dresden: **Laser-Cooling of Ion Beams at Relativistic Energies.** Atomphysik-Seminar, 14.05.2008.

Dao Tien Khoa, INST Hanoi: **From suppression of nu-**

clear rainbow to a flaw in DWBA analysis of quasi-elastic nucleus-nucleus scattering. NuSTAR Seminar, 19.05.2008.

Björn Manuel Hegelich, Los Alamos National Laboratory, USA: **Relativistic Particle Acceleration and High-field physics with Ultrahigh Power Lasers.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 20.05.2008.

Marco Durante/GSI: **Mission impossible? Protection from cosmic radiation for Mars exploration.** GSI Kolloquium, 20.05.2008.

T. Lange, Uni Köln: **Vollautomatische Installationen mit FAI.** IT/EE-Palaver, 20.05.2008.

N. Tsirova, Samara: **Electromagnetic structure of composite systems in Poincare-invariant quantum mechanics.** Theorie-Seminar, 21.05.2008.

Paulo Fonte, LIPC: **Timing Resistive Plate Chamber applications in HADES and in Medical Imaging.** NuSTAR Seminar, 21.05.2008.

S. Toleikis, DESY Hamburg: **Exploring Warm Dense Matter FLASH.** Atomphysik-Seminar, 21.05.2008.

P. McKenna, University of Strathclyde, Glasgow: **Manipulating MeV proton acceleration and electron transport in solid targets irradiated by ultraintense laser pulses.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 27.05.2008.

Paul Hoyer/University of Helsinki: **Hadron scattering and QCD.** GSI Kolloquium, 27.05.2008.

A. Tawfik, Cairo: **The early universe, phase transitions and cosmological consequences.** Theorie-Seminar, 28.05.2008.

Pierre Capel, ULB: **Analysis of 8B Coulomb breakup within a Dynamical Eikonal Approximation.** NuSTAR Seminar, 28.05.2008.

V. Shevelko, Lebedev Physical Institute, Moscow: **Multi-Electron Ionization Cross Sections for Fast Heavy Ions Colliding with Neutral Atoms in the Energy-Deposition Model.** Atomphysik-Seminar, 28.05.2008.

A. P. L. Robinson, STFC Rutherford-Appleton Lab.: **Laser-Acceleration of Ions by the Radiation Pressure Acceleration Mechanism.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 03.06.2008.

Gerald Gabrielse/Harvard: **One-Electron Quantum Cyclotron: A New Value for the Electron Magnetic Moment and the Fine Structure Constant.** GSI Kolloquium, 03.06.2008.

G. Brenner, MPI-K Heidelberg: **QED contributions to lifetime of metastable states.** Atomphysik-Seminar, 04.06.2008.

Christian Stöckl: **Short - Pulse Experiments at LLE.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 05.06.2008.

Patrick Kluth: **Material Modification using Swift Heavy Ion Irradiation: from Nanoparticles to Ion Tracks.** Seminar der Materialforschung, 06.06.2008.

4th NoRHDia WorkshopGSI: Novel Radiation Hard Diamond Detectors for Hadron Physics. 08.-10.06.2008.

Frank Maas/GSI: **The structure of the nucleon, from parity violation to antiproton annihilation.** GSI Kolloquium, 10.06.2008.

H. Brand: **Object oriented programming with LabVIEW.** IT/EE-Palaver, 10.06.2008.

Ingo Hofmann, GSI Darmstadt: **Energy equipartition in intense beams.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 10.06.2008.

Gaitanos Theodoros, Univ. Giessen: **Theoretical description of fragment formation in reactions at SIS/GSI energies within a combined BUU+SMM approach.** NuSTAR Seminar, 11.06.2008.

Martin Veselsky, Bratislava: **Possibilities for investigations of hot exotic nuclei at FAIR.** NuSTAR Seminar, 11.06.2008.

V. Shevelko, Lebedev Physical Institute, Moscow: **Single-Electron Capture of Fast Heavy Ions Colliding with Residual-Gas Atoms and Molecules.** Atomphysik-Seminar, 11.06.2008.

Thomas Walther, TU Darmstadt: **Was ist Licht?** Wissenschaft für Alle, 14.06.2008.

A. Siemko, CERN: **Performance Evaluation and Quality Assurance Management during the Cold Series Power Tests of the LHC Main Lattice Magnets.** Beschleuniger-Palaver, 17.06.2008.

Naeem A. Tahir, GSI Darmstadt, and Alexander Shutov, IPCP Chernogolovka: **Development of Simulation Models and Their Applications to High Energy.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 17.06.2008.

Wolfram Fischer/Brookhaven: **RHIC status and upgrade plans.** GSI Kolloquium, 17.06.2008.

A. Blazevic, GSI Darmstadt: **Interaction Studies of Swift Heavy Ions Penetrating Laser (PHELIX/nhelix) Generated Plasma.** Atomphysik-Seminar, 18.06.2008.

Q. Wang, Hefei: **BCS-BEC crossover in relativistic systems.** Theorie-Seminar, 18.06.2008.

Roman Gernhaeuser, TU-Muenchen: **Probing the single particle structure around ^{54}Ca with one-neutron knockout.** NuSTAR Seminar, 18.06.2008.

Carsten Fortmann, Universität Rostock: **Diagnostics of dense plasmas using Thomson scattering.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 24.06.2008.

- Karl-Heinz Kampert/Universität Wuppertal: **The most energetic particles in the Universe - Results from the Pierre Auger Observatory.** GSI Kolloquium, 24.06.2008.
- L. Bureyeva, Institute of Spectroscopy of the RAS: **Universal representation of Hydrogen-like spectral line shapes in astrophysical and laboratory plasmas.** Atomphysik-Seminar, 25.06.2008.
- Leonid Batist, PNPI-Gatchina: **Gamow-Teller strength systematics from beta+ decay near ^{100}Sn .** NuSTAR Seminar, 25.06.2008.
- M. Russina, HMI: **Research capabilities at Berlin Neutron Scattering Center.** Theorie-Seminar, 25.06.2008.
- S. Kalcher, Uni Heidelberg: **General Purpose Computation on NVIDIA Graphical Processing Units.** IT/EE-Palaver, 27.06.2008.
- Jose Alonso: **Festkollouium- 60. Geburtstag von Hartmut Eickhoff . Medical accelerators - history and visions.** GSI Kolloquium, 01.07.2008.
- Vladimir Y. Ternovoi, Institute of Problems of Chemical Physics, Cernogolovka, Russia: **Experimental Study of Metal Liquid-Gas Transition under Intense Shock Wave Loading.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 01.07.2008.
- P. Müller, Argonne National Laboratory: **Laser Trapping and Probing of Exotic Helium Isotopes.** Atomphysik-Seminar, 02.07.2008.
- Stoyanka Ilieva, GSI: **Study of the nuclear density distribution of exotic Be and B nuclei with proton elastic scattering.** NuSTAR Seminar, 02.07.2008.
- Vladimir Novikov, Keldysh Institute of Applied Mathematics, Moscow, Russia: **Quantum-Statistical Models of Hot Dense Matter.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 03.07.2008.
- Robert E. Grisenti, J. W. Goethe-Universität and GSI-Darmstadt: **Cryogenic liquid microjet sources and their application for laser-driven microscopic plasma generation.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 08.07.2008.
- D. Fischer, MPI-K Heidelberg: **An ultra-cold target for precision studies of heavy-ion atom collisions.** Atomphysik-Seminar, 09.07.2008.
- David Miller, MSU: **Investigating 'island of inversion' nuclei $^{31,33}\text{Mg}$ with gamma-ray angular distribution and linear polarization with fast in-flight beams.** NuSTAR Seminar, 09.07.2008.
- PANDA Mechanical Design Workshop.** 09.-10.07.2008.
- Kornelius Nielsch, Institut für Angewandte Physik, Universität Hamburg: **Thermoelektrische Nanostäbe aus Verbindungshalbleitern.** Seminar der Materialforschung, 20.07.2008.
- V. Shevelko, P. N. Lebedev Physical Institute, Moscow: **Multiple Ionization of Fast Heavy Ions by Neutral Atoms in the Energy-Deposition Model.** Beschleuniger-Palaver, 08.08.2008.
- Sylvain Costes, Lawrence Berkeley Laboratory, USA: **Modeling the cellular response to heavy ions exposure: from y-H2AX foci formation to population behavior.** Biophysik-Seminar, 11.08.2008.
- Jörn Splinter, GSI: **Rendezvous mit Folgen - Wenn ein Schwerion die DNA trifft.** Wissenschaft für Alle, 13.08.2008.
- N. Pyka, FAIR Synchrotrons: **Planungsstand der Strahlextraktion aus den FAIR Synchrotrons und Verbesserungen für die SIS18 Extraktion.** Beschleuniger-Palaver, 14.08.2008.
- V. Rozanov, P. N. Lebedev Physical Institute Moscow: **Analysis of the energy transfer in low-density foam-like targets in the experiments carried out at the laser facilities PALS and LIL.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 28.08.2008.
- Adriana de O. Delgado, Universidade de So Paulo, So Paulo, Brazil: **Study of ion beam irradiated polymers.** Seminar der Materialforschung, 29.08.2008.
- XXX ECLIM European Conference on Laser Interaction with Matter.** 02.09.2008.
- K. Seth, Evanston: **Recent developments in quarkonium physics.** Theorie-Seminar, 03.09.2008.
- Klaus Unser: **A Review on Beam Diagnostics and Accelerator Instrumentation and New Proposals for LHC and FAIR.** Beschleuniger-Palaver, 11.09.2008.
- Yefim Aglitskiy, Science Applications International Corporation, McLean, and Naval Research Laboratory, Washington: **Classical and Ablative Richtmyer-Meshkov and Rayleigh-Taylor Instabilities and Other ICF-Relevant Plasma Flows Diagnosed with Monochromatic X-Ray Imaging.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 12.09.2008.
- Thomas Schönitz, National Instruments, München: **Schneller von Messdaten zum Ergebnisbericht mit NI DIAdem 11.** IT/EE-Palaver, 16.09.2008.
- Thomas Schönitz, National Instruments: **Schneller von Messdaten zum Ergebnisbericht mit NI DIAdem 11.** Sonderseminar, 16.09.2008.
- Peter Malzacher, GSI: **Datenauswertung im Wunderland: Vom ALICE Detektor zum besseren Verständnis der Kernmaterie.** Wissenschaft für Alle, 17.09.2008.
- Beatriz Jurado, CENBG: **The surrogate reaction method: a technique to determine cross sections of short-lived nuclei.** NuSTAR Seminar, 01.10.2008.
- Elena A. Stefanova, Texas Southern University: **Staggered M1 transitions in a four-quasiparticle structure in ^{66}Ge . Near spherical shell-model structure of the $2+$ state in ^{40}Ar**

- from g-factor measurements.** NuSTAR Seminar, 06.10.2008.
- Frank Merrill, LANL: **High Energy Proton Radiography.** Sonderseminar, 06.10.2008.
- T. DeBelle, National Instruments: **Leveraging off-the-shelf technologies for large physics experiments.** IT/EE-Palaver, 07.10.2008.
- A. Kumar, GSI Darmstadt: **Two-photon Decay of the $1s2s$ $1S0$ State in Helium-like Heavy Ions.** Atomphysik-Seminar, 15.10.2008.
- Norbert Pietralla, TU Darmstadt: **Kugeln, Zigarren und Birnen: Wie sehen Atomkerne aus?** Wissenschaft für Alle, 15.10.2008.
- ExtreMe Matter Institute EMMI - Kick-Off Meeting & Symposium.** 16.-17.10.2008.
- Marian Cholewa, Monash Centre for Synchrotron Science MCSS, Monash University, Australia: **New materials for highly efficient and high speed detectors.** Seminar der Materialforschung, 20.10.2008.
- Fritz Riehle/Physikal.-Techn. Bundesanstalt: **Optical Atomic Clocks.** GSI Kolloquium, 21.10.2008.
- J. Macek, Univ. of Tennessee and Oak Ridge Nat. Lab.: **Imaging of Atomic Wave Functions.** Atomphysik-Seminar, 21.10.2008.
- M. FraiB: **Lizenzmanagement für Windows und Applikationen.** IT/EE-Palaver, 21.10.2008.
- W. Nörtershäuser, Univ. Mainz: **On-line and off-line applications of a frequency comb at GSI.** Atomphysik-Seminar, 21.10.2008.
- Carsten Welsch, MPI-K Heidelberg: **Atomic Physics and Accelerator Sciences in the QUASAR Group.** Atomphysik-Seminar, 22.10.2008.
- David Neely, Rutherford Appleton Laboratory: **The potential for Laser driven ion acceleration in the UK.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 28.10.2008.
- H. Kreiser: **Rechenzentrum für Alice-Tier-2 ein neuer Raum und neue Infrastruktur.** IT/EE-Palaver, 28.10.2008.
- Josef Jochum/Universität Tübingen: **Direct Dark Matter Search.** GSI Kolloquium, 28.10.2008.
- Shadi Salem, GSI Darmstadt: **Simultaneous excitation and ionization of He-like Uranium ions in relativistic collisions and the angular distribution of photons after REC.** Atomphysik-Seminar, 29.10.2008.
- NuPNET OPEN DAYS 2.** 30.-31.10.2008.
- E. Plagnol, APC Paris: **From the complexity of heavy ions to the simplicity of black holes ... or is it vice versa?** Symposium on the occasion of Wolfgang Trautmann's 65th Birthday, 03.11.2008.
- H. Wolter, LMU München: **ALADIN's magic lantern: light into the mechanism of heavy ion collisions.** Symposium on the occasion of Wolfgang Trautmann's 65th Birthday, 03.11.2008.
- Regina Reuschl, GSI Darmstadt und Univ. Münster: **Quantum electrodynamic effects in heavy H- and He-like systems.** Atomphysik-Seminar, 05.11.2008.
- Margit Zacharias/Universität Freiburg: **Nanostructures-la carte: From size controlled Si nanocrystals to ordered arranged ZnO Nanowires.** GSI Kolloquium, 11.11.2008.
- O. Wirth: **Ausbau der GSI WAN Anbindung für Alice Tier 2.** IT/EE-Palaver, 11.11.2008.
- Alexander Dorn, MPI-K, Heidelberg: **Studies of Electron- and Photon-Induced Atomic Few-Body Reactions Using Multi-Particle Imaging Techniques.** Atomphysik-Seminar, 12.11.2008.
- Markus Roth, GSI: **Die Physik von Star Trek.** Wissenschaft für Alle, 12.11.2008.
- Thomas Neff, GSI: **Exotic nuclei studied in Fermionic Molecular Dynamics.** NuSTAR Seminar, 12.11.2008.
- W. G. Holzmann, Columbia: **Probing bulk partonic matter with jets from RHIC to LHC.** Theorie-Seminar, 12.11.2008.
- Alexander Molodtsov, KEK: **Beam Dynamics in Main Ring of the Japanese Particle Accelerator Complex, JPARC.** Beschleuniger-Palaver, 13.11.2008.
- Shawn McCaslin, National Instruments: **Algorithm Engineering for Multicore-Systems.** Sonderseminar, 13.11.2008.
- International Symposium on Heavy Ion Physics, ISHIP 2008.** 17.-20.11.2008.
- Theodor W. Hänsch/MPI f. Quantenoptik Garching & LMU: **A Passion for Precision.** GSI Kolloquium, 18.11.2008.
- Matthias Kühnel, Univ. Frankfurt: **Cryogenically cooled droplet beam internal target at the ESR.** Atomphysik-Seminar, 19.11.2008.
- Eike Hohmann, PSI Villigen: **Neutronenspektrometrie an Hochenergiebeschleunigern in gepulsten Feldern hinter Abschirmungen.** Sonderseminar, 21.11.2008.
- EMMI 2008 Workshop on Plasma Physics with Intense Ion and Laser Beams.** 21.-22.11.2008.
- Dennis Klein: **Verteilte Versionskontrolle mit Git.** IT/EE-Palaver, 25.11.2008.
- Daniel Rodriguez, Universidad de Huelva, Spain: **Measurement of the β - ν correlation in the decay of ${}^6\text{He}$ using a**

transparent Paul trap. Atomphysik-Seminar, 26.11.2008.

Marco Meoni, CERN: **Current status of CAF and ongoing PROOF developments.** Sonderseminar, 26.11.2008.

Olga Ershova, GSI: **Acoustic effects produced by particles interacting with matter and their application for high energy neutrino astrophysics.** NuSTAR Seminar, 26.11.2008.

Oleksandr Chorniy, GSI: **RF capture in single and dual harmonic rf buckets at high intensities in SIS-18.** Beschleuniger-Palaver, 27.11.2008.

Fritz Caspers, CERN-AB-RF: **Electron cloud diagnostics with the microwave transmission method.** Beschleuniger-Palaver, 01.12.2008.

Dino Jaroszynski, University of Strathclyde: **The ALPHA-X project: Advanced Laser Plasma High-energy Accelerators towards X-rays.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 02.12.2008.

Mike Dunne/Rutherford Appleton Laboratory - UK: **HiPER: The European path to laser fusion and related plasma science.** GSI Kolloquium, 02.12.2008.

Lucia Caceres Monllor, GSI: **Nuclear structure studies in the vicinity of the doubly-magic ^{132}Sn nucleus.** NuSTAR Seminar, 03.12.2008.

TASCA 08 - 7th Workshop on Recoil Separator for Superheavy Element Chemistry. 08.-12.12.2008.

XXVII. PANDA Collaboration Meeting. 08.-12.12.2008.

Klaus Eidmann, MPQ Garching: **Erzeugung und Anwendung lasergeheizter Hohlräume.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 09.12.2008.

Norbert Holtkamp/ITER Organization: **Overview and challenges of the ITER Project.** GSI Kolloquium, 09.12.2008.

Holger Gies, Univ. Jena: **Quantum vacuum phenomena in strong fields.** Atomphysik-Seminar, 10.12.2008.

Klaus Sümmerer, GSI: **High-energy reactions to study low-energy phenomena - Nuclear Astrophysics at GSI.** NuSTAR Seminar, 10.12.2008.

Daniel Severin, TU Darmstadt: **Radiation hardness of FAIR relevant insulators A challenge for materials analysis.** Beschleuniger-Palaver, 11.12.2008.

Adriana Gagy-Palfy, Max-Planck-Institut für Kernphysik, Heidelberg: **Coupling Nuclei to Intense Photon Fields.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 16.12.2008.

Gabriel Martinez Pinedo, GSI: **A primer in weak interaction processes in supernova evolution.** NuSTAR Seminar, 16.12.2008.

Giacomo Cuttone/INFN Catania, Italien: **Light Ion Fragmentation Measurements for Medical and Space Applications.** GSI Kolloquium, 16.12.2008.

S. Guskov, P. N. Lebedev Physical Institute Moscow: **Non-Equilibrium Laser-Produced Plasma of volume-structured media.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 16.12.2008.

Yuri A. Litvinov, GSI: **Nuclear Physics in Storage Rings.** Physik dichter Plasmen mit Schwerionen- und Laserstrahlen, 16.12.2008.

Verleihung des Christoph-Schmelzer-Preises 2008. 16.12.2008.

Fritz Bosch, GSI: **Am farbigen Abglanz haben wir die Welt - Zur Physik des Lichts.** Wissenschaft für Alle, 17.12.2008.

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