

Arbeitstreffen Kernphysik 2017



Report of Contributions

Contribution ID: 1

Type: **not specified**

Baryon number fluctuations in a finite Volume

Thursday 2 March 2017 17:00 (35 minutes)

Presenter: SCHAEFER, Bernd-Jochen (University of Giessen)

Session Classification: Seminar

Contribution ID: 2

Type: **not specified**

A Fierz-complete NJL model study: fixed points and phase structure

Thursday 2 March 2017 17:35 (25 minutes)

Presenter: LEONHARDT, Marc (Technische Universität Darmstadt)

Session Classification: Seminar

Contribution ID: 3

Type: **not specified**

Correlation functions of two-flavour Landau-gauge QCD

Friday 3 March 2017 18:30 (35 minutes)

Presenter: MITTER, Mario (University of Heidelberg)

Session Classification: Seminar

Contribution ID: 4

Type: **not specified**

The extended linear sigma model within the functional renormalization group approach

Friday 3 March 2017 19:05 (25 minutes)

Presenter: ESER, Jürgen (Goethe-University Frankfurt)

Session Classification: Seminar

Contribution ID: 5

Type: **not specified**

Wilsonian renormalization group versus subtractive renormalization in EFT for NN scattering

Monday 6 March 2017 17:00 (35 minutes)

Presenter: GEGELIA, Jambul (Forschungszentrum Jülich)

Session Classification: Seminar

Contribution ID: 6

Type: **not specified**

Asymptotic freedom in non-Abelian Higgs models

Monday 6 March 2017 17:35 (25 minutes)

Presenter: ZAMBELLI, Luca (TPI, Friedrich Schiller-Universität Jena)

Session Classification: Seminar

Contribution ID: 7

Type: **not specified**

Vector-meson spectral functions from the functional renormalization group

Tuesday 7 March 2017 10:45 (25 minutes)

Presenter: JUNG, Christopher (JLU Giessen)

Session Classification: Seminar

Contribution ID: 8

Type: **not specified**

Nuclear matter beyond mean-field

Tuesday 7 March 2017 11:10 (25 minutes)

Presenter: WEYRICH, Johannes (JLU Giessen)

Session Classification: Seminar

Contribution ID: 9

Type: **not specified**

Equation of state and pair-correlations in one-dimensional Fermi systems

Tuesday 7 March 2017 11:35 (25 minutes)

Presenter: RAMMELMUELLER, Lukas (TU Darmstadt)

Session Classification: Seminar

Contribution ID: 11

Type: **not specified**

Laser plasma acceleration

Thursday 2 March 2017 18:30 (30 minutes)

Presenter: METZKES, Josefine

Session Classification: Seminar

Contribution ID: 12

Type: **not specified**

Laser plasma acceleration -II

Thursday 2 March 2017 19:00 (30 minutes)

Presenter: KLUGE, Thomas

Session Classification: Seminar

Contribution ID: 13

Type: **not specified**

Gefangen auf Ewigkeit - vom Elektron und Proton zum kosmischen Antimaterie-Rätsel

Saturday 4 March 2017 20:00 (1h 30m)

Presenter: BLAUM, Klaus

Session Classification: Event

Contribution ID: 14

Type: **not specified**

ERL-DALINAC

Friday 3 March 2017 17:00 (30 minutes)

Presenter: ARNOLD, Michaela

Session Classification: Seminar

Contribution ID: 15

Type: **not specified**

MESA ERL-Kryomodule

Friday 3 March 2017 17:30 (30 minutes)

Presenter: STENGLER, Timo

Session Classification: Seminar

Contribution ID: 16

Type: **not specified**

superconducting CH-Cavity&demonstrator

Monday 6 March 2017 18:30 (30 minutes)

Presenter: DZIUBA, Florian

Session Classification: Seminar

Contribution ID: 17

Type: **not specified**

Modern RF structures for ion acceleration

Monday 6 March 2017 19:00 (30 minutes)

Presenter: HAEHNEL, Hendrik

Session Classification: Seminar

Contribution ID: **18**

Type: **not specified**

space charge compensation

Wednesday 8 March 2017 17:00 (30 minutes)

Presenter: STEM, Will

Session Classification: Seminar

Contribution ID: **19**

Type: **not specified**

Space charge

Wednesday 8 March 2017 17:30 (30 minutes)

Presenter: LI, Chao

Session Classification: Seminar

Contribution ID: 20

Type: **not specified**

The new Felsenkeller 5 MV underground ion accelerator and cross section measurements relevant to supernova nucleosynthesis

Saturday 4 March 2017 17:00 (1 hour)

Presenter: BEMMERER, Daniel

Session Classification: Seminar

Contribution ID: 21

Type: **not specified**

Nuclear Equation of State and Neutron Stars: a Renormalization Group Approach

Tuesday 7 March 2017 17:00 (1 hour)

Presenter: WEISE, Wolfram

Session Classification: Seminar

Contribution ID: 22

Type: **not specified**

A New Search for r-process supernova-actinides on Earth

Wednesday 8 March 2017 10:45 (25 minutes)

Presenter: BISHOP, Shawn

Session Classification: Seminar

Contribution ID: 23

Type: **not specified**

Nuclear Equation of State constraints from E1 strength measurements

Wednesday 8 March 2017 11:10 (25 minutes)

Presenter: ROSSI, Dominic

Session Classification: Seminar

Contribution ID: 24

Type: **not specified**

From outer space to deep inside: exploring neutron skins

Wednesday 8 March 2017 11:35 (25 minutes)

Presenter: THIEL, Michaela

Session Classification: Seminar

Contribution ID: 25

Type: **not specified**

The nu process in supernova explosions of massive stars

Wednesday 8 March 2017 18:30 (30 minutes)

Presenter: SIEVERDING, Andre

Session Classification: Seminar

Contribution ID: 26

Type: **not specified**

The impact of fission on r-process nucleosynthesis in neutron star mergers

Wednesday 8 March 2017 19:00 (30 minutes)

Presenter: GIULANI, Samuel

Session Classification: Seminar

Contribution ID: 27

Type: **not specified**

Holger Gies (1) - The Renormalization group and Applications

Thursday 2 March 2017 09:00 (1h 15m)

Session Classification: Main Speaker

Contribution ID: **28**

Type: **not specified**

Mei Bai (1) New developments in accelerator physics

Thursday 2 March 2017 10:45 (1h 15m)

Session Classification: Main Speaker

Contribution ID: 29

Type: **not specified**

Mei Bai (2) - New developments in accelerator physics

Friday 3 March 2017 09:00 (1h 15m)

Session Classification: Main Speaker

Contribution ID: **30**

Type: **not specified**

Holger Gies (2) - The Renormalitzation group and Applications

Friday 3 March 2017 10:45 (1h 15m)

Session Classification: Main Speaker

Contribution ID: 31

Type: **not specified**

Allen Caldwell - New developments in accelerator physics

Saturday 4 March 2017 09:00 (1h 15m)

Session Classification: Libero

Contribution ID: 32

Type: **not specified**

Bengt Friman - The Renormalization group and Applications

Saturday 4 March 2017 10:45 (1h 15m)

Session Classification: Libero

Contribution ID: 33

Type: **not specified**

Holger Gies (3) - The Renormalization group and Applications

Monday 6 March 2017 09:00 (1h 15m)

Session Classification: Main Speaker

Contribution ID: 34

Type: **not specified**

Mei Bai (3) - New developments in accelerator physics

Monday 6 March 2017 10:45 (1h 15m)

Session Classification: Main Speaker

Contribution ID: 35

Type: **not specified**

Hans-Thomas Janka (1) - Supernovae, Neutron Star mergers and the Ignition of Densed Matter

Tuesday 7 March 2017 09:00 (1h 15m)

Session Classification: Main Speaker

Contribution ID: 36

Type: **not specified**

Hans-Thomas Janka (2) - Supernovae, Neutron Star mergers and the Ignition of Densed Matter

Tuesday 7 March 2017 18:30 (1 hour)

Session Classification: Main Speaker

Contribution ID: 37

Type: **not specified**

Hans-Thomas Janka (3) - Supernovae, Neutron Star mergers and the Ignition of Densed Matter

Wednesday 8 March 2017 09:00 (1h 15m)

Session Classification: Main Speaker

Contribution ID: 38

Type: **not specified**

Andreas Bauswein - Supernovae, Neutron Star mergers and the Ignition of Densed Matter

Thursday 9 March 2017 10:45 (30 minutes)

Session Classification: Reviews

Contribution ID: 39

Type: **not specified**

Seminar: The Renormalization group and Applications - Lorenz von Smekal

Thursday 9 March 2017 11:15 (30 minutes)

Session Classification: Reviews

Contribution ID: 40

Type: **not specified**

Kurt Aulenbacher - New developments in accelerator physics

Thursday 9 March 2017 11:45 (30 minutes)

Session Classification: Reviews

Contribution ID: 41

Type: **not specified**

Ani Aprahamian - Supernovae, Neutron Star mergers and the Ignition of Densed Matter

Thursday 9 March 2017 09:00 (1h 15m)

Session Classification: Libero