Arbeitstreffen Kernphysik 2017

Thursday, 2 March 2017

Seminar: The Renormalization group and Application - Holger Gies (1) **(17:00 - 18:00)**

time	[id] title	presenter
17:00	[1] Baryon number fluctuations in a finite Volume	SCHAEFER, Bernd-Jochen
17:35	[2] A Fierz-complete NJL model study: fixed points and phase structure	LEONHARDT, Marc

Seminar: New developments in accelerator physics - Mei Bai (1) **(18:30 - 19:30)**

time	[id] title	presenter
18:30	[11] Laser plasma acceleration	METZKES, Josefine
19:00	[12] Laser plasma acceleration -II	KLUGE, Thomas

Friday, 3 March 2017

Seminar: New developments in accelerator physics - Kurt Aulenbacher (1) (17:00 - 18:00)

time	[id] title	presenter
17:00	[14] ERL-DALINAC	ARNOLD, Michaela
17:30	[15] MESA ERL-Kryomodule	STENGLER, Timo

Seminar: The Renormalization group and Application - Holger Gies (2) (18:30 - 19:30)

time	[id] title	presenter
18:30	[3] Correlation functions of two-flavour Landau-gauge QCD	MITTER, Mario
19:05	[4] The extended linear sigma model within the functional renormalization group approach	ESER, Jürgen

Saturday, 4 March 2017

Seminar: Supernovae, Neutron Star mergers and the Ignition of Densed Matter - Andreas Bauswein (1) (17:00 - 18:00)

time	[id] title	presenter
17:00	[20] The new Felsenkeller 5 MV underground ion accelerator and cross section measurements relevant to supernova nucleosynthesis	BEMMERER, Daniel

Monday, 6 March 2017

Seminar: The Renormalization group and Application - Lorenz von Smekal (1) **(17:00 - 18:00)**

time	[id] title	presenter
17:00	[5] Wilsonian renormalization group versus subtractive renormalization in EFT for NN scattering	GEGELIA, Jambul
17:35	[6] Asymptotic freedom in non-Abelian Higgs models	ZAMBELLI, Luca

Seminar: New developments in accelerator physics - Kurt Aulenbacher (2) **(18:30 - 19:30)**

time	[id] title	presenter
18:30	[16] superconducting CH-Cavity&demonstrator	DZIUBA, Florian
19:00	[17] Modern RF strucutres for ion accleration	HAEHNEL, Hendrik

Tuesday, 7 March 2017

Seminar: The Renormalization group and Application - Lorenz von Smekal (2) (10:45 - 12:00)

time	[id] title	presenter
10:45	[7] Vector-meson spectral functions from the functional renormalization group	JUNG, Christopher
11:10	[8] Nuclear matter beyond mean-field	WEYRICH, Johannes
11:35	[9] Equation of state and pair-correlations in one-dimensional Fermi systems	RAMMELMUELLER, Lukas

Seminar: Supernovae, Neutron Star mergers and the Ignition of Densed Matter - Gabriel Martinez Pinedo (1) (17:00 - 18:00)

time	[id] title	presenter
17:00	[21] Nuclear Equation of State and Neutron Stars: a Renormalization Group Approach	WEISE, Wolfram

Wednesday, 8 March 2017

Seminar: Supernovae, Neutron Star mergers and the Ignition of Densed Matter - Gabriel Martinez Pinedo (2) (10:45 - 12:00)

time	[id] title	presenter
10:45	[22] A New Search for r-process supernova-actinides on Earth	BISHOP, Shawn
11:10	[23] Nuclear Equation of State constraints from E1 strength measurements	ROSSI, Dominic
11:35	[24] From outer space to deep inside: exploring neutron skins	THIEL, Michaela

Seminar: New developments in accelerator physics - Mai Bei (2) (17:00 - 18:00)

time	[id] title	presenter
17:00	[18] space charge compensation	STEM, Will
17:30	[19] Space charge	LI, Chao

Seminar: Supernovae, Neutron Star mergers and the Ignition of Densed Matter - Andreas Bauswein (2) (18:30 - 19:30)

time	[id] title	presenter
18:30	[25] The nu process in supernova explosions of massive stars	SIEVERDING, Andre
19:00	[26] The impact of fission on r-process nucleosynthesis in neutron star mergers	GIULANI, Samuel