



# 54th Schladming Winter School of Theoretical Physics

## Monday 22 February 2016

### Contributed talks: Sondenheimer / Loose / Christiansen (16:45 - 17:45)

time	[id] title	presenter
16:45	[3] Sondenheimer -- Nonperturbative RG flow of the Higgs potential	Mr SONDENHEIMER, René
17:05	[6] Loose	Mr LOOSE, Dennis
17:25	[5] Christiansen -- Local Quantum Gravity	Dr CHRISTIANSEN, Nicolai

### Contributed talks: Schnabl / Kitamura / Karateev (19:00 - 20:00)

time	[id] title	presenter
19:00	[9] Schnabl	Dr SCHNABL, Martin
19:20	[10] Kitamura -- Tree-level Unitarity and Renormalizability in Lifshitz Scalar Theory	Mr KITAMURA, Tomotaka
19:40	[11] Karateev -- Some Recent Developments in 4D CFTs	Mr KARATEEV, Denis

## Tuesday 23 February 2016

### Contributed talks: Gold / Huber / Mitter (16:45 - 17:45)

time	[id] title	presenter
16:45	[12] Gold -- Probing astrophysical black holes with gravitational waves and light	Dr GOLD, Roman
17:05	[13] Huber -- A non-perturbative study of the correlation functions of three-dimensional Yang-Mills theory	Dr HUBER, Markus
17:25	[14] Mitter -- Yang-Mills correlation functions from the functional renormalization group	Dr MITTER, Mario

### Contributed talks: Hiller / Bond / Maas (18:00 - 19:00)

time	[id] title	presenter
18:00	[15] Hiller -- BSM Flavor Physics with Charm, Beauty and Leptons	Prof. HILLER, Gudrun
18:20	[16] Bond -- Renormalisation group flow of perturbative field theories	Mr BOND, Andrew
18:40	[17] Maas -- Physical spectra and new physics	Prof. MAAS, Axel

# Wednesday 24 February 2016

## Contributed talks: Mati / Fumagalli / Ramírez Rodríguez (19:00 - 20:00)

time	[id] title	presenter
19:00	[4] Mati -- Critical scaling in the large-N $O(N)$ model in higher dimensions and its possible connection to quantum gravity	Dr MATI, Peter
19:20	[18] Fumagalli -- Predictiveness of inflation with the Higgs boson	Mr FUMAGALLI, Jacopo
19:40	[20] Ramírez Rodríguez -- Do current data prefer a nonminimally coupled inflaton?	Mr RAMÍREZ RODRÍGUEZ, Héctor