

Monday 11 April 2016

The scalar sector of the Standard Model. Moving from discovery to precision physics. - (08:20-09:00)

- Presenters: FLECHL, Martin

What's hiding at 750 GeV? - (09:00-09:40)

- Presenters: SANZ GONZALEZ, Veronica

On the Nature of Dynamical Electroweak Symmetry Breaking - (10:10-10:50)

- Presenters: SANNINO, Francesco

The stability of the electroweak scale - (10:50-11:30)

- Presenters: BATELL, Brian Thomas

MON1 - (17:00-18:00)

| time | [id] title | presenter |
|-------|--|-----------------|
| 17:00 | [27] h(125) boson measurements in ATLAS: run-1 legacy and early run-2 results (00h20') | VENTURI, Nicola |
| 17:20 | [38] Studies of Higgs bosons decaying to bosons with CMS (00h20') | SAFONOV, Alexei |
| 17:40 | [37] Studies of Higgs bosons decaying to fermions with CMS (00h20') | SALERNO, Daniel |

MON2 - (18:20-19:20)

| time | [id] title | presenter |
|-------|---|--------------------|
| 18:20 | [58] Induced Electroweak Symmetry Breaking and the Composite Twin Higgs (00h20') | HOWE, Kiel |
| 18:40 | [52] Minimal Composite Dynamics versus Axion Origin of the Diphoton excess (00h20') | MOLINARO, Emiliano |
| 19:00 | [53] Making sense of the LHC diboson and diphoton excesses (00h20') | KULKARNI, Suchita |

Young Scientists Forum 1 - (19:20-20:00)

| time | [id] title | presenter |
|-------|--|-----------------------|
| 19:20 | [42] New CMS results for $H \rightarrow 4l$ at 13 TeV (00h10') | KIANI, Muhammad Bilal |
| 19:30 | [49] Constraining composite Higgs models with direct and indirect searches (00h10') | STANGL, Peter |
| 19:40 | [62] Searches for LFV $H/Z \rightarrow \tau e / \tau \mu$ decays with the ATLAS detector at 8 TeV (00h10') | WEITS, Hartger |

Tuesday 12 April 2016

Low-scale SUSY: RIP or resurrection? - (08:20-09:00)

- Presenters: SEKMEN, Sezen

Fine-tuning sweet spots - (09:00-09:40)

- Presenters: PIERINI, Maurizio

"Exotica"? Speaking up for minorities. - (10:10-10:50)

- Presenters: HRYN'OVA, Tetiana

Finding New Physics by understanding Standard Model Processes - (10:50-11:30)

- Presenters: SCHWANENBERGER, Christian

TUE1 - (17:00-18:00)

| time | [id] title | presenter |
|-------|--|---------------------|
| 17:00 | [54] Convexity, gauge-dependence, and tunneling rates (00h20') | TAMARIT, Carlos |
| 17:20 | [28] Searches for Beyond-Standard-Model Higgs bosons in ATLAS (00h20') | ZINONOS, Zinonas |
| 17:40 | [41] Highlights of searches for new physics (non-SUSY) with CMS (00h20') | SKHIRTADZE, Nikoloz |

TUE2 - (18:20-19:20)

| time | [id] title | presenter |
|-------|---|------------------------|
| 18:20 | [44] Searches for supersymmetry at CMS in leptonic final states with 13 TeV Data (00h20') | WELKE, Charles Vincent |
| 18:40 | [29] Searches for new physics with fermions or jets at the ATLAS detector in LHC Run 2 (00h20') | DANDROY, Jeff |
| 19:00 | [30] Searches for new physics with bosons at the ATLAS detector in LHC Run 2 (00h20') | IORDANIDOU, Kalliopi |

Young Scientists Forum 2 - (19:20-19:40)

| time | [id] title | presenter |
|-------|---|----------------------|
| 19:20 | [39] Search for New Physics in Z+MET channel at CMS (00h10') | BRODSKI, Michael |
| 19:30 | [48] Searches for new physics in jet final states in ATLAS at LHC Run II (00h10') | AMADIO, Brian Thomas |

Wednesday 13 April 2016

Dark Matter Direct Detection in the next 5 years - (08:20-09:00)

- Presenters: SCHUMANN, Marc

Going Beyond WIMPs: Exploring Light Dark Matter - (09:00-09:40)

- Presenters: VOLANSKY, Tomer

New avenues to search for Dark Matter - (10:10-10:50)

- Presenters: POSPELOV, Maxim

DM at 13 TeV and Data Interpretation - (10:50-11:30)

- Presenters: SALEK, David

Seeking Evidence for Dark Matter in Indirect Detection - (11:30-12:10)

- Presenters: REIMER, Olaf

New signatures of DM at the LHC - (17:00-17:40)

- Presenters: KOPP, Joachim

WED1 - (17:40-18:00)

| time | [id] title | presenter |
|-------|---|-------------------|
| 17:40 | [47] How (not) to use simplified models to search for dark matter at the LHC (00h20') | KAHLHOEFER, Felix |

WED2 - (18:20-20:00)

| time | [id] title | presenter |
|-------|---|------------------|
| 18:20 | [50] Baryonic Dark Matter at the LHC (00h20') | DUERR, Michael |
| 18:40 | [31] Dark matter searches from the ATLAS experiment at LHC Run 2 (00h20') | LEVIN, Dan |
| 19:00 | [40] Dark matter searches with CMS (00h20') | JEITLER, Manfred |
| 19:20 | [61] GeV-ish Dark Matter in the Sun (00h20') | BUSONI, Giorgio |

Thursday 14 April 2016

CP violation in the Standard Model - (08:20-09:00)

- Presenters: F. KAMENIK, Jernej

Precision Measurements - (09:00-09:40)

- Presenters: GERSHON, Timothy

New Physics in the flavor sector - (10:10-10:50)

- Presenters: CRIVELLIN, Andreas

Physics program at Belle-II in light of LHCb - (10:50-11:30)

- Presenters: BERNLOCHNER, Florian Urs

THU1 - (17:00-18:00)

| time | [id] title | presenter |
|-------|--|-------------------------------|
| 17:00 | [26] A new class of family non-universal Z' models (00h20') | CELIS, Alejandro |
| 17:20 | [32] Muon g-2 in Two-Higgs-Doublet Models (00h20') | CHUN, Eung Jin |
| 17:40 | [34] Status and perspectives with exotic states at LHCb (00h20') | ALVES JUNIOR, Antonio Augusto |

THU2 - (18:20-19:00)

| time | [id] title | presenter |
|-------|--|------------------|
| 18:20 | [46] Belle II studies of missing energy decays and searches for dark photon production (00h20') | LI GIOI, Luigi |
| 18:40 | [33] LHCb measurements at 13 TeV with online data analysis exploiting new trigger and real time alignment and calibration (00h20') | STORACI, Barbara |

Young Scientists Forum 4 - (19:00-19:30)

| time | [id] title | presenter |
|-------|--|------------------|
| 19:00 | [35] Low Scale Unification @ LHC (00h10') | OHMER, Sebastian |
| 19:10 | [59] Angular analysis of $B \rightarrow K^{(*)}l+l^-$ at the Belle experiment (00h10') | WEHLE, Simon |
| 19:20 | [43] N-jettiness at NNLO accuracy in electron-positron annihilation (00h10') | TULPIÁNT, Zoltán |

Conference Dinner - (20:00-22:30)

Friday 15 April 2016

Ultra-high multiplicity electroweak production at Future Colliders - Perturbation theory meltdown and Beyond - (08:20-09:00)

- Presenters: KHOZE, Valentin V

Towards the Next Standard Model: Experimental Challenges - (09:00-09:40)

- Presenters: KIESLING, Christian

Physics Prospects at Future Colliders - (10:10-10:50)

- Presenters: LIST, Jenny

Outlook - (10:50-11:30)

- Presenters: PLEHN, Tilman