

IoP APP / HEPP Conference 2018

Report of Contributions

Contribution ID: 1

Type: **not specified**

Poster reception

Monday 26 March 2018 18:15 (1h 15m)

Contribution ID: 2

Type: **not specified**

Multi-Messenger Physics

Monday 26 March 2018 09:15 (40 minutes)

Presenter: Prof. SUTTON, Patrick

Session Classification: Plenary

Contribution ID: 4

Type: **not specified**

Gamma Ray Astronomy

Monday 26 March 2018 09:55 (30 minutes)

Presenter: BROWN, Anthony (Durham University)

Session Classification: Plenary

Contribution ID: 5

Type: **not specified**

Welcome

Monday 26 March 2018 09:00 (15 minutes)

Session Classification: Plenary

Contribution ID: 7

Type: **not specified**

Status of Neutrino Physics

Monday 26 March 2018 17:35 (40 minutes)

Presenter: Dr DEPPISCH, Frank

Session Classification: Plenary

Contribution ID: 8

Type: **not specified**

Particle Beam Therapy in the UK

Monday 26 March 2018 16:15 (25 minutes)

Presenter: Dr TAYLOR, Michael (University of Manchester)

Session Classification: Plenary

Contribution ID: 9

Type: **not specified**

Flavour Physics

Tuesday 27 March 2018 09:00 (40 minutes)

Presenter: COWAN, Greig (The University of Edinburgh (GB))

Session Classification: Plenary

Contribution ID: **10**

Type: **not specified**

Lepton Flavour Physics

Tuesday 27 March 2018 09:40 (40 minutes)

Presenter: LITCHFIELD, Phillip (UCL)

Session Classification: Plenary

Contribution ID: 11

Type: **not specified**

Who ordered that? Interpreting LFUV and other new physics signals from flavour.

Tuesday 27 March 2018 10:20 (40 minutes)

Presenter: LENZ, Alexander (IPPP, Durham)

Session Classification: Plenary

Contribution ID: 12

Type: **not specified**

Standard Model Measurements at the LHC

Tuesday 27 March 2018 14:00 (30 minutes)

Presenter: BLUMENSCHN, Ulla (University of London (GB))

Session Classification: Plenary

Contribution ID: 13

Type: **not specified**

New Physics Searches at the LHC

Tuesday 27 March 2018 15:00 (30 minutes)

Presenter: BROOKE, Jim (University of Bristol (GB))

Session Classification: Plenary

Contribution ID: 14

Type: **not specified**

Status of Neutrino Physics

Session Classification: Plenary

Contribution ID: 15

Type: **not specified**

Short-Baseline Neutrino Experiments

Wednesday 28 March 2018 09:00 (30 minutes)

Presenter: SZELC, Andrzej Michal (University of Manchester (GB))

Session Classification: Plenary

Contribution ID: 16

Type: **not specified**

Long-Baseline Neutrino Experiments

Wednesday 28 March 2018 09:30 (30 minutes)

Presenter: KABOTH, Asher (RHUL/RAL)

Session Classification: Plenary

Contribution ID: 17

Type: **not specified**

Neutrinoless Double Beta Decay and Absolute Mass

Wednesday 28 March 2018 10:00 (30 minutes)

Presenter: FALK, Elisabeth (University of Sussex (UK))

Session Classification: Plenary

Contribution ID: **18**

Type: **not specified**

IoP Prize Lecture: Charm Physics

Wednesday 28 March 2018 12:00 (30 minutes)

Presenter: GERSABECK, Marco (University of Manchester (GB))

Session Classification: Plenary

Contribution ID: 19

Type: **not specified**

Collider Physics Beyond the LHC

Wednesday 28 March 2018 12:30 (30 minutes)

Presenter: MARTIN, Victoria Jane (The University of Edinburgh (GB))

Session Classification: Plenary

Contribution ID: 20

Type: **not specified**

Promoting Physics in Developing Countries

Session Classification: Plenary

Contribution ID: 21

Type: **not specified**

Higgs Physics at the LHC

Tuesday 27 March 2018 14:30 (30 minutes)

Presenter: WARDLE, Nicholas (Imperial College (GB))

Session Classification: Plenary

Contribution ID: 22

Type: **not specified**

Dark Matter: Status and Prospects

Monday 26 March 2018 10:25 (30 minutes)

Presenter: GHAG, Chamkaur (University College London)

Session Classification: Plenary

Contribution ID: 23

Type: **not specified**

Promoting Physics in Developing Countries

Monday 26 March 2018 16:40 (25 minutes)

Presenter: SHAW, Kate (University of Sussex (GB))

Session Classification: Plenary

Contribution ID: 24

Type: **not specified**

Search for additional heavy neutral Higgs and gauge bosons decaying to di-tau in the ATLAS detector produced with 13 TeV proton-proton collisions at the LHC

Monday 26 March 2018 11:30 (15 minutes)

Presenter: ZORBAS, Theodore (University of Sheffield (GB))

Session Classification: Parallel I

Contribution ID: 25

Type: **not specified**

Search for exclusive Higgs and Z boson decays to $\phi\gamma$ and $\rho\gamma$ with the ATLAS detector

Monday 26 March 2018 11:45 (15 minutes)

Presenter: OWEN, Rhys Edward (University of Birmingham (GB))

Session Classification: Parallel I

Contribution ID: 26

Type: **not specified**

Search for boosted $t\bar{t}H(H\rightarrow b\bar{b})$ with the ATLAS detector

Monday 26 March 2018 12:00 (15 minutes)

Presenter: WINKELS, Emma (University of Sussex (GB))

Session Classification: Parallel I

Contribution ID: 27

Type: **not specified**

Searching for decays of the Higgs boson to charm quarks at ATLAS

Monday 26 March 2018 12:15 (15 minutes)

Presenter: REYNOLDS, Elliot (University of Birmingham (GB))

Session Classification: Parallel I

Contribution ID: 28

Type: **not specified**

Searches for additional neutral Higgs bosons in the di-tau final state with the CMS experiment

Monday 26 March 2018 12:30 (15 minutes)

Presenter: WINTERBOTTOM, Daniel (Imperial College (GB))

Session Classification: Parallel I

Contribution ID: 29

Type: **not specified**

Measurement of Z+bb kinematic variables with ATLAS

Monday 26 March 2018 14:00 (15 minutes)

Presenter: GRAY, Chloe (University of Glasgow (GB))

Session Classification: Parallel I

Contribution ID: 30

Type: **not specified**

Searching for invisible phenomena through measurement of events with jets and large missing transverse momentum in pp collisions at ATLAS

Monday 26 March 2018 14:15 (15 minutes)

Presenter: PICKLES, Rebecca Hayley (University of Manchester (GB))

Session Classification: Parallel I

Contribution ID: 31

Type: **not specified**

Measurements of boosted top-quark differential cross-sections in the lepton+jets channel at $s=\sqrt{13}$ TeV using pp collision data recorded with the ATLAS detector

Monday 26 March 2018 14:30 (15 minutes)

Presenter: FENTON, Michael James (University of Glasgow (GB))

Session Classification: Parallel I

Contribution ID: 32

Type: **not specified**

Higgsinos and compressed sleptons: opening the soft lepton frontier for new physics at the LHC

Monday 26 March 2018 14:45 (15 minutes)

Presenter: LIU, Jesse (University of Oxford)

Session Classification: Parallel I

Contribution ID: 33

Type: **not specified**

Dark Matter Searches at CMS

Monday 26 March 2018 15:00 (15 minutes)

Presenter: BREEZE, Shane Davy (Imperial College (GB))

Session Classification: Parallel I

Contribution ID: 34

Type: **not specified**

Search for single top production in association with a Z boson for the dilepton final state in pp collisions at $\sqrt{s} = 13$ TeV in the CMS detector

Monday 26 March 2018 15:15 (15 minutes)

Presenter: HOAD, Corin James Keir (Brunel University (GB))

Session Classification: Parallel I

Contribution ID: 35

Type: **not specified**

Tagging boosted jets from top quarks and heavy vector bosons using jet substructure and multivariate techniques

Tuesday 27 March 2018 11:30 (15 minutes)

Presenter: VAIDYA, Amal (University of London (GB))

Session Classification: Parallel I

Contribution ID: 36

Type: **not specified**

Searches for Resonant and Non-Resonant Higgs Pair Production in the $b\bar{b}\tau\tau$ Decay Channel with the ATLAS Detector

Tuesday 27 March 2018 11:45 (15 minutes)

Presenter: GRAHAM, Emily Charlotte (University of Liverpool (GB))

Session Classification: Parallel I

Contribution ID: 37

Type: **not specified**

Searches for heavy ZZ and ZW resonances in the llqq and vvqq final states at 13 TeV in the ATLAS detector

Tuesday 27 March 2018 12:00 (15 minutes)

Presenter: LACK, David Philip John (University of Manchester (GB))

Session Classification: Parallel I

Contribution ID: **38**

Type: **not specified**

Measurements of Higgs boson cross sections and couplings in the diphoton decay channel with the CMS experiment

Tuesday 27 March 2018 12:15 (15 minutes)

Presenter: SCOTT, Edward (Imperial College (GB))

Session Classification: Parallel I

Contribution ID: 39

Type: **not specified**

Higgs-to-Invisible Searches for the CMS experiment at the LHC

Tuesday 27 March 2018 12:30 (15 minutes)

Presenter: Mr DI MARIA, Riccardo (Imperial College (GB))

Session Classification: Parallel I

Contribution ID: 40

Type: **not specified**

Search for low mass dijet resonances in association with ISR in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

Wednesday 28 March 2018 11:00 (15 minutes)

Presenter: SOGAARD, Andreas (University of Edinburgh (GB))

Session Classification: Parallel I

Contribution ID: 41

Type: **not specified**

ATLAS Measurement of the Dynamics of Single Proton Dissociation at the LHC

Wednesday 28 March 2018 11:15 (15 minutes)

Presenter: FOSTER, Andrew Geoffrey (University of Birmingham (GB))

Session Classification: Parallel I

Contribution ID: 42

Type: **not specified**

The Quest for New Physics, motivated with strong-supersymmetric models, in final states with many hadronic jets in 13 TeV pp collisions at the ATLAS detector

Wednesday 28 March 2018 11:30 (15 minutes)

Presenter: NELSON, Michael Edward (University of Oxford (GB))

Session Classification: Parallel I

Contribution ID: 43

Type: **not specified**

Measurement of the CP violating phase, φ_s , in Run 2 using $B^0_s \rightarrow J/\psi K^+ K^-$

Monday 26 March 2018 11:30 (15 minutes)

Presenter: GIZDOV, Konstantin (The University of Edinburgh (GB))

Session Classification: Parallel II

Contribution ID: 44

Type: **not specified**

Prospects for $K^\pm \rightarrow \pi^\pm \mu^+ \mu^-$ at the LHCb Experiment

Monday 26 March 2018 11:45 (15 minutes)

Presenter: ZAREBSKI, Kristian Alexander (University of Birmingham (GB))

Session Classification: Parallel II

Contribution ID: 45

Type: **not specified**

Status and prospects of the measurement of the $\pi^+\mu^+\mu^-$ form factor with the NA62 experiment at CERN

Monday 26 March 2018 12:00 (15 minutes)

Presenter: PARKINSON, Christopher John (University of Birmingham)

Session Classification: Parallel II

Contribution ID: 46

Type: **not specified**

Measurement of the branching fractions and form factors of $K^+ \rightarrow \pi^0 l^+ \nu$ decays

Monday 26 March 2018 12:15 (15 minutes)

Presenter: Mr TRILOV, Stoyan (University of Bristol (GB))

Session Classification: Parallel II

Contribution ID: 47

Type: **not specified**

Measurement of the $K^+ \rightarrow \pi^+ \gamma \gamma$ decay at NA62

Monday 26 March 2018 12:30 (15 minutes)

Presenter: BRUNETTI, Maria Brigida (University of Birmingham (GB))

Session Classification: Parallel II

Contribution ID: 48

Type: **not specified**

Search for the decay $B \rightarrow p+p-\mu\nu$

Monday 26 March 2018 14:00 (15 minutes)

Presenter: TILLEY, Matthew James (Imperial College (GB))

Session Classification: Parallel II

Contribution ID: 49

Type: **not specified**

Measuring the WW Production Cross-Section at LHCb

Monday 26 March 2018 14:15 (15 minutes)

Presenter: WARK, Heather Mckenzie (University of Liverpool (GB))

Session Classification: Parallel II

Contribution ID: 50

Type: **not specified**

Search for $B_c \rightarrow DD$ decays with the LHCb detector

Monday 26 March 2018 14:30 (15 minutes)

Presenter: TULLY, Alison Maria (University of Cambridge (GB))

Session Classification: Parallel II

Contribution ID: 51

Type: **not specified**

Searching for lepton universality violation and New Physics in rare decays of Lambda baryons at the LHCb.

Monday 26 March 2018 14:45 (15 minutes)

Presenter: GLEW, Ross John (Science and Technology Facilities Council STFC (GB))

Session Classification: Parallel II

Contribution ID: 52

Type: **not specified**

Search for K^+ to π^+ ν ν at NA62

Monday 26 March 2018 15:00 (15 minutes)

Presenter: ROMANO, Angela (University of Birmingham (GB))

Session Classification: Parallel II

Contribution ID: 53

Type: **not specified**

Search For Heavy Neutral Lepton Decays At NA62 Experiment At CERN

Monday 26 March 2018 15:15 (15 minutes)

Presenter: IACOBUZIO, Lorenza (University of Birmingham (GB))

Session Classification: Parallel II

Contribution ID: 54

Type: **not specified**

Relative branching fraction measurements of $B \rightarrow 3h$ decays

Tuesday 27 March 2018 11:30 (15 minutes)

Presenter: COSTA SOBRAL, Cayo (University of Warwick (GB))

Session Classification: Parallel II

Contribution ID: 55

Type: **not specified**

A search for the decay $\Lambda_b \rightarrow pK\eta'$ using the LHCb Run I dataset.

Tuesday 27 March 2018 11:45 (15 minutes)

Presenter: WILLIAMS, Timothy (University of Birmingham (GB))

Session Classification: Parallel II

Contribution ID: 56

Type: **not specified**

Anti-deuteron measurements at LHCb

Tuesday 27 March 2018 12:00 (15 minutes)

Presenter: BAKER, Sophie Katherine (Imperial College (GB))

Session Classification: Parallel II

Contribution ID: 57

Type: **not specified**

Searches for doubly charmed baryons at LHCb

Tuesday 27 March 2018 12:15 (15 minutes)

Presenter: TRAILL, Murdo Thomas (University of Glasgow (GB))

Session Classification: Parallel II

Contribution ID: 58

Type: **not specified**

Angular analysis of the decay $\Lambda_b^0 \rightarrow \Lambda \mu^+ \mu^-$

Tuesday 27 March 2018 12:30 (15 minutes)

Presenter: CHATZIKONSTANTINIDIS, Georgios (University of Birmingham (GB))

Session Classification: Parallel II

Contribution ID: 59

Type: **not specified**

Search for hidden sectors in kaon decays at the NA62 experiment at CERN

Wednesday 28 March 2018 11:00 (15 minutes)

Presenter: Dr DUK, Viacheslav (University of Birmingham)

Session Classification: Parallel II

Contribution ID: 60

Type: **not specified**

Charged Higgs Bosons in Naturally Aligned Two Higgs Doublet Models at the LHC

Wednesday 28 March 2018 11:15 (15 minutes)

Presenter: ORGILL, Emily (University of Manchester (GB))

Session Classification: Parallel II

Contribution ID: **61**

Type: **not specified**

Constraining new physics with standard model measurements

Wednesday 28 March 2018 11:30 (15 minutes)

Presenter: YALLUP, David (University College London)

Session Classification: Parallel II

Contribution ID: 62

Type: **not specified**

Vertex finding for pile-up mitigation in the Phase-2 upgrade of the Level-1 Trigger of CMS

Monday 26 March 2018 11:30 (15 minutes)

Presenter: SHTIPLIYSKI, Antoni (Imperial College (GB))

Session Classification: Parallel III

Contribution ID: 63

Type: **not specified**

Gaussian Processes for High Energy Physics

Monday 26 March 2018 11:45 (15 minutes)

Presenter: BOZSON, Adam (Royal Holloway, University of London (GB))

Session Classification: Parallel III

Contribution ID: 64

Type: **not specified**

Perspectives for SUSY in light of current LHC constraints

Monday 26 March 2018 12:00 (15 minutes)

Presenter: COSTA, Jonathan (Imperial College London)

Session Classification: Parallel III

Contribution ID: 65

Type: **not specified**

QED Parton Distribution Functions

Monday 26 March 2018 12:15 (15 minutes)

Presenter: NATHVANI, Ricky

Session Classification: Parallel III

Contribution ID: 66

Type: **not specified**

Positivity Constraints on Self-Interacting Dark Matter

Monday 26 March 2018 12:30 (15 minutes)

Presenters: MELVILLE, Scott (Imperial College, London); MELVILLE, Scott (Imperial College London)

Session Classification: Parallel III

Contribution ID: 67

Type: **not specified**

Sensor Characterisation and Readout for the LHCb VELO Upgrade

Monday 26 March 2018 14:00 (15 minutes)

Presenter: FRANCO LIMA, Vinicius (University of Liverpool (GB))

Session Classification: Parallel III

Contribution ID: **68**

Type: **not specified**

3D Printing Gaseous Radiation Detectors

Monday 26 March 2018 14:15 (15 minutes)

Presenter: FARGHER, Samuel

Session Classification: Parallel III

Contribution ID: 69

Type: **not specified**

ATLAS inner detector decommissioning: Tolerance study of robotic components for use in high radiation environment

Monday 26 March 2018 14:30 (15 minutes)

Presenter: CRYER, Alice (University of Sheffield (GB))

Session Classification: Parallel III

Contribution ID: 70

Type: **not specified**

The LHCb VELO Upgrade

Monday 26 March 2018 14:45 (15 minutes)

Presenter: DEEPANWITA, Dutta

Session Classification: Parallel III

Contribution ID: 71

Type: **not specified**

Bayesian optimisation of the SHiP muon shield

Monday 26 March 2018 15:00 (15 minutes)

Presenter: LANTWIN, Oliver (Imperial College (GB))

Session Classification: Parallel III

Contribution ID: 72

Type: **not specified**

Towards the highest precision detector at the LHC - The LHCb Upgrade VELO and Its Performance

Monday 26 March 2018 15:15 (15 minutes)

Presenter: BURR, Chris (University of Manchester (GB))

Session Classification: Parallel III

Contribution ID: 73

Type: **not specified**

Optical Calibration of the Hyper-Kamiokande Detector with Test Data in Super-Kamiokande

Tuesday 27 March 2018 11:30 (15 minutes)

Presenter: ANTHONY, Lauren

Session Classification: Parallel III

Contribution ID: 74

Type: **not specified**

Gadolinium radiopurity assay programme for Super-Kamiokande

Tuesday 27 March 2018 11:45 (15 minutes)

Presenter: THIESSE, Matthew

Session Classification: Parallel III

Contribution ID: 75

Type: **not specified**

The Hyper-Kamiokande Outer-Detector : design, performance estimation of background rejection and physics potential

Tuesday 27 March 2018 12:00 (15 minutes)

Presenter: ZSOLDOS, Stephane Alexandre (Universite de Paris-Sud 11 (FR))

Session Classification: Parallel III

Contribution ID: 76

Type: **not specified**

Supernova Neutrino Simulations in Hyper-Kamiokande

Tuesday 27 March 2018 12:15 (15 minutes)

Presenter: MIGENDA, Jost (University of Sheffield)

Session Classification: Parallel III

Contribution ID: 77

Type: **not specified**

Innovation and Non-Proliferation - Particle Physics for Nuclear Threat Reduction

Tuesday 27 March 2018 12:30 (15 minutes)

Presenter: KNEALE, Elisabeth

Session Classification: Parallel III

Contribution ID: 78

Type: **not specified**

Commissioning of a Laser Calibration System for SNO+

Wednesday 28 March 2018 11:00 (15 minutes)

Presenter: TURNER, Esther

Session Classification: Parallel III

Contribution ID: 79

Type: **not specified**

The physics of SNO+

Wednesday 28 March 2018 11:15 (15 minutes)

Presenter: Dr LEMING, Edward (University of Oxford)

Session Classification: Parallel III

Contribution ID: **80**

Type: **not specified**

Cosmic Muon Induced Neutrons in SNO+

Wednesday 28 March 2018 11:30 (15 minutes)

Presenter: LIGGINS, Billy

Session Classification: Parallel III

Contribution ID: **81**

Type: **not specified**

Measuring the Effective Longitudinal Electron Diffusion Coefficient at MicroBooNE

Monday 26 March 2018 11:30 (15 minutes)

Presenter: LISTER, Adam

Session Classification: Parallel IV

Contribution ID: **82**

Type: **not specified**

Calorimetric Energy Scale in the NOvA Detectors

Monday 26 March 2018 11:45 (15 minutes)

Presenter: ALION, Tyler (University of Sussex)

Session Classification: Parallel IV

Contribution ID: 83

Type: **not specified**

MicroBooNE NC Delta Radiative Single-Photon Search

Monday 26 March 2018 12:00 (15 minutes)

Presenter: MURRELLS, Robert

Session Classification: Parallel IV

Contribution ID: 84

Type: **not specified**

Comparison of Binned vs. Unbinned Likelihood Analyses for Neutrino Oscillation Measurements in NOvA

Monday 26 March 2018 12:30 (15 minutes)

Presenter: BENDING, Sebastian

Session Classification: Parallel IV

Contribution ID: 85

Type: **not specified**

Latest muon neutrino disappearance results from the NOvA experiment

Monday 26 March 2018 12:15 (15 minutes)

Presenter: MENDEZ, Diana Patricia (University of Sussex)

Session Classification: Parallel IV

Contribution ID: **86**

Type: **not specified**

Overview of the ANITA experiment

Monday 26 March 2018 14:00 (15 minutes)

Presenter: CREMONESI, Linda (Queen Mary University of London)

Session Classification: Parallel IV

Contribution ID: 87

Type: **not specified**

Hunting Axionlike Dark Matter by Searching for an Oscillating Neutron Electric Dipole Moment

Monday 26 March 2018 14:15 (15 minutes)

Presenter: AYRES, Nick (University of Sussex)

Session Classification: Parallel IV

Contribution ID: **88**

Type: **not specified**

Search for New Physics in Astrophysical Flavor at IceCube

Monday 26 March 2018 14:30 (15 minutes)

Presenter: MANDALIA, Shivesh (Queen Mary University of London)

Session Classification: Parallel IV

Contribution ID: 89

Type: **not specified**

Neutrino Interferometry for High-Precision Tests of Lorentz Symmetry with IceCube

Monday 26 March 2018 14:45 (15 minutes)

Presenter: KATORI, Teppei (Queen Mary University of London)

Session Classification: Parallel IV

Contribution ID: 90

Type: **not specified**

Frequency Tracking of Advanced LIGO Data for Generation of Calibrated Strain $h(t)$ with IWAVE/APL

Presenter: MISTRY, Timesh

Session Classification: Parallel IV

Contribution ID: 91

Type: **not specified**

Searching for WIMP dark matter with the LZ experiment

Monday 26 March 2018 15:00 (15 minutes)

Presenter: OLCINA, Ibles

Session Classification: Parallel IV

Contribution ID: 92

Type: **not specified**

Status of the SuperNEMO double-beta decay experiment

Tuesday 27 March 2018 11:30 (15 minutes)

Presenter: PATRICK, Cheryl (Northwestern University)

Session Classification: Parallel IV

Contribution ID: 93

Type: **not specified**

Recent Developments in the Spherical Proportional Counter for NEWS-G

Tuesday 27 March 2018 11:45 (15 minutes)

Presenter: KNIGHTS, Patrick

Session Classification: Parallel IV

Contribution ID: 94

Type: **not specified**

Sensitivity Studies and Development of the Gas Supply System for the SuperNEMO Experiment

Tuesday 27 March 2018 12:00 (15 minutes)

Presenter: DAWSON, Lauren

Session Classification: Parallel IV

Contribution ID: 95

Type: **not specified**

Radon Background Mitigation Strategy for the SuperNEMO Experiment

Tuesday 27 March 2018 12:15 (15 minutes)

Presenter: XIE, Fang

Session Classification: Parallel IV

Contribution ID: 96

Type: **not specified**

Search for light Dark Matter with NEWS-G

Tuesday 27 March 2018 12:30 (15 minutes)

Presenter: NIKOLOPOULOS, Konstantinos (University of Birmingham (GB))

Session Classification: Parallel IV

Contribution ID: 97

Type: **not specified**

ECR prize talk. Gravitational-wave astronomy, and the discoveries of LIGO and Virgo

Monday 26 March 2018 17:05 (30 minutes)

Presenter: BERRY, Christopher

Session Classification: Plenary