

# **Community Planning Meeting (CPM2012)**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome from Fermilab

*Thursday, 11 October 2012 08:30 (10 minutes)*

**Presenter:** Dr ODDONE, Pier (Fermilab)

**Session Classification:** Plenary Session 1

Contribution ID: 1

Type: **not specified**

## **Much Physics Before Us**

*Thursday, 11 October 2012 08:40 (20 minutes)*

**Presenter:** RAMOND, pierre (University of Florida)

**Session Classification:** Plenary Session 1

Contribution ID: 2

Type: **not specified**

## **Schedule details of the community study**

*Thursday, 11 October 2012 09:00 (10 minutes)*

**Presenter:** Prof. ROSNER, Jonathan (University of Chicago)

**Session Classification:** Plenary Session 1

Contribution ID: 3

Type: **not specified**

## Questions for the community from the NSF

*Thursday, 11 October 2012 09:10 (15 minutes)*

**Presenter:** GONZALEZ, Saul (NSF)

**Session Classification:** Plenary Session 1

Contribution ID: 4

Type: **not specified**

## Questions for the community from the DOE

*Thursday, 11 October 2012 09:25 (15 minutes)*

**Presenter:** SIEGRIST, Jim (DOE)

**Session Classification:** Plenary Session 1

Contribution ID: 5

Type: **not specified**

## Roadmap for HEP in Japan

*Thursday, 11 October 2012 09:45 (20 minutes)*

**Presenter:** OKADA, Yasuhiro

**Session Classification:** Plenary Session 2

Contribution ID: 6

Type: **not specified**

## HEP in China

*Thursday, 11 October 2012 10:05 (20 minutes)*

**Presenter:** SHEN, Xiaoyan

**Session Classification:** Plenary Session 2



Contribution ID: 7

Type: **not specified**

## HEP in India

*Thursday, 11 October 2012 10:25 (20 minutes)*

**Presenter:** CHOUDHARY, Brajesh

**Session Classification:** Plenary Session 2

Contribution ID: 8

Type: **not specified**

## **Astro 2010 Decadal Survey and consequences**

*Thursday, 11 October 2012 11:30 (15 minutes)*

**Presenter:** BLANDFORD, Roger

**Session Classification:** Plenary Session 3

Contribution ID: 9

Type: **not specified**

## Energy Frontier status and charge

*Thursday, 11 October 2012 11:45 (30 minutes)*

**Presenters:** PESKIN, Michael; Prof. BROCK, Raymond (Michigan State University)

**Session Classification:** Plenary Session 3

Contribution ID: **10**

Type: **not specified**

## **Intensity Frontier status and charge**

*Thursday, 11 October 2012 12:15 (30 minutes)*

**Presenters:** Prof. WEERTS, Hendrik (Argonne National Laboratory); HEWETT, JoAnne

**Session Classification:** Plenary Session 3

Contribution ID: 11

Type: **not specified**

## **Cosmic frontier status and charge**

*Thursday, 11 October 2012 13:45 (30 minutes)*

**Presenters:** Prof. FENG, Jonathan (UC Irvine); RITZ, Steve

**Session Classification:** Plenary Session 4

Contribution ID: 12

Type: **not specified**

## **Education and outreach status and charge**

*Thursday, 11 October 2012 14:15 (30 minutes)*

**Presenters:** CRONIN-HENNESSY, D.; BARDEEN, Marjorie (FNAL)

**Session Classification:** Plenary Session 4

Contribution ID: 13

Type: **not specified**

## Computing status and charge

*Thursday, 11 October 2012 14:45 (30 minutes)*

**Presenters:** Dr BAUERDICK, Lothar (Fermilab); GOTTLIEB, Steve

**Session Classification:** Plenary Session 4

Contribution ID: 14

Type: **not specified**

## Capabilities status and charge

*Thursday, 11 October 2012 15:45 (30 minutes)*

**Presenters:** GILCHRIESE, Murdock (Lawrence Berkeley National Laboratory); BARLETTA, William

**Session Classification:** Plenary Session 5



Contribution ID: 15

Type: **not specified**

## **Instrumentation status and charge**

*Thursday, 11 October 2012 16:15 (30 minutes)*

**Presenters:** NICHOLSON, Howard (Retired); DEMARTEAU, Marcel (Argonne National Laboratory); Dr LIPTON, Ronald (Fermilab)

**Session Classification:** Plenary Session 5

Contribution ID: 16

Type: **not specified**

## Fermilab

*Thursday, 11 October 2012 16:45 (20 minutes)*

**Presenter:** Dr ODDONE, Pier (Fermilab)

**Session Classification:** Laboratory Corner

Contribution ID: 17

Type: **not specified**

## HEP in Europe

*Friday, 12 October 2012 08:30 (30 minutes)*

**Presenter:** Prof. NAKADA, Tatsuya (EPFL)

**Session Classification:** Plenary Session 6

Contribution ID: **18**

Type: **not specified**

## **Instructions for breakout sessions**

*Friday, 12 October 2012 09:20 (10 minutes)*

**Presenter:** Prof. ROSNER, Jonathan (University of Chicago)

**Session Classification:** Plenary Session 6

Contribution ID: 19

Type: **not specified**

## Closing Remarks

*Saturday, 13 October 2012 12:15 (15 minutes)*

**Presenter:** SHIPSEY, Ian (Purdue University)

Contribution ID: 20

Type: **not specified**

## **HEP in Canada**

*Thursday, 11 October 2012 10:45 (20 minutes)*

**Presenter:** TRISCHUK, William (University of Toronto)

**Session Classification:** Plenary Session 2

Contribution ID: 21

Type: **not specified**

## SLAC

*Thursday, 11 October 2012 17:05 (10 minutes)*

**Presenter:** Prof. HOLTKAMP, Norbert (SLAC)

**Session Classification:** Laboratory Corner

Contribution ID: 22

Type: **not specified**

## **BNL**

*Thursday, 11 October 2012 17:15 (10 minutes)*

**Presenter:** LISSAUER, David

**Session Classification:** Laboratory Corner



Contribution ID: 23

Type: **not specified**

## **LBNL**

*Thursday, 11 October 2012 17:25 (10 minutes)*

**Presenter:** ROE, Natalie

**Session Classification:** Laboratory Corner

Contribution ID: 24

Type: **not specified**

## Argonne

*Thursday, 11 October 2012 17:35 (10 minutes)*

**Presenter:** ISAACS, Eric

**Session Classification:** Laboratory Corner

Contribution ID: 25

Type: **not specified**

## **Science Award to Congressman Randy Hultgren**

*Friday, 12 October 2012 09:00 (20 minutes)*

**Presenter:** SCIENCE COALITION (Science Coalition)

**Session Classification:** Plenary Session 6

Contribution ID: 26

Type: **not specified**

## **Landscape of Future Colliders (joint HEF/Capabilities)**

*Friday, 12 October 2012 09:30 (1 hour)*

**Session Classification:** Energy Frontier

Contribution ID: 27

Type: **not specified**

## **Higgs & Electroweak Physics Topics**

*Friday, 12 October 2012 10:45 (1 hour)*

**Session Classification:** Energy Frontier

Contribution ID: 28

Type: **not specified**

## Top Quark and QCD Physics Topics

*Friday, 12 October 2012 12:00 (1 hour)*

**Presenter:** SCHWIENHORST, Reinhard (Michigan State University)

**Session Classification:** Energy Frontier

Contribution ID: 29

Type: **not specified**

## **Challenges for Future Experiments (Joint with Instrumentation and Computing)**

*Friday, 12 October 2012 13:15 (1 hour)*

**Session Classification:** Energy Frontier

Contribution ID: **30**

Type: **not specified**

## **New Particles and Flavor Physics topics**

*Friday, 12 October 2012 14:30 (1 hour)*

**Session Classification:** Energy Frontier



Contribution ID: **31**

Type: **not specified**

## **Introductions**

*Friday, 12 October 2012 09:30 (5 minutes)*

**Session Classification:** Cosmic Frontier

Contribution ID: 32

Type: **not specified**

## DOE

*Friday, 12 October 2012 09:35 (20 minutes)*

(10 min. presentation + 10 min questions)

**Presenter:** TURNER, Kathy (DOE)

**Session Classification:** Cosmic Frontier

Contribution ID: 33

Type: **not specified**

## NSF

*Friday, 12 October 2012 09:55 (20 minutes)*

**Presenter:** WHITMORE, Jim (NSF)

**Session Classification:** Cosmic Frontier

Contribution ID: 34

Type: **not specified**

## Subgroup Charge Presentations

*Friday, 12 October 2012 10:15 (1h 30m)*

(10 + 5 per subgroup)

**Primary authors:** Prof. FENG, Jonathan (UC Irvine); Prof. RITZ, Steve (UCSC and SCIPP)

**Session Classification:** Cosmic Frontier

Contribution ID: 35

Type: **not specified**

## **Some subgroups meet with Instrumentation/Capabilities**

*Friday, 12 October 2012 12:30 (1 hour)*

**Session Classification:** Cosmic Frontier

Contribution ID: **36**

Type: **not specified**

**CF1**

Contribution ID: 37

Type: **not specified**

## **Some subgroups meet with Computing**

*Friday, 12 October 2012 13:30 (30 minutes)*

**Session Classification:** Cosmic Frontier

Contribution ID: **38**

Type: **not specified**

## **Additional Subgroup Meetings**

One North (WH1NW)  
Black Hole (WH2NW)  
Comitium (WH2SE)  
Snake Pit (WH2NE)  
Theory (WH3NE)



Contribution ID: 39

Type: **not specified**

## Plenary Session

*Friday, 12 October 2012 14:30 (1 hour)*

7 min reports from each subgroup on path forward; 15 min for group discussion and to list main points for Cosmic Frontier summary talk on Saturday.

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**Session Classification:** Cosmic Frontier

Contribution ID: 40

Type: **not specified**

## **Joint with Coord. Panel for Advanced Detectors**

*Friday, 12 October 2012 09:30 (1 hour)*

**Session Classification:** Instrumentation Frontier

Contribution ID: 41

Type: **not specified**

## **Instrumentation Liaisons Attending Frontier Sessions**

*Friday, 12 October 2012 09:30 (2h 15m)*

**Session Classification:** Instrumentation Frontier

Contribution ID: 42

Type: **not specified**

## **Discussions with some Cosmic Frontier Members**

*Friday, 12 October 2012 12:30 (45 minutes)*

**Session Classification:** Instrumentation Frontier

Contribution ID: 43

Type: **not specified**

## **Joint with Energy and Computing Frontiers**

*Friday, 12 October 2012 13:15 (1 hour)*

(IF subgroup members)

**Session Classification:** Instrumentation Frontier

Contribution ID: 44

Type: **not specified**

## **Joint with Intensity Frontier**

*Friday, 12 October 2012 12:00 (1 hour)*

(IF subgroup members)

**Session Classification:** Instrumentation Frontier

Contribution ID: 45

Type: **not specified**

## Energy/Instrumentation Frontier Liaisons

*Friday, 12 October 2012 14:30 (45 minutes)*

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**Session Classification:** Instrumentation Frontier

Contribution ID: 46

Type: **not specified**

## **Instrumentation Plenary Session**

*Friday, 12 October 2012 15:15 (45 minutes)*

**Session Classification:** Instrumentation Frontier



Contribution ID: 47

Type: **not specified**

## **Joint with Energy**

*Friday, 12 October 2012 09:30 (1 hour)*

**Session Classification:** Capabilities

Contribution ID: 48

Type: **not specified**

## **Joint with Intensity Frontier**

*Friday, 12 October 2012 12:00 (1 hour)*

**Session Classification:** Capabilities

Contribution ID: 49

Type: **not specified**

## Energy Frontier Capabilities discussion

*Friday, 12 October 2012 10:45 (1 hour)*

For our studies we should define a framework of questions and a some parameter spaces such as such as beam type, energy, luminosity, energy spread, machine backgrounds, etc, the corresponding physics drivers, R&D needs and social impact (cost, power consumption, site footprint, etc).

The framework should motivate i) the assumptions for the physics studies in the HEF and ii) the work on R&D, feasibility, costing, etc in our group.

We will be interested to understand the physics interest of given sets of energy, luminosity and the HEF group may be interested in knowing the feasibility or trade-off of some parameter sets. Finally, we should agree on technical tools for simulation and their inputs.

**Session Classification:** Capabilities

Contribution ID: 50

Type: **not specified**

## **Some subgroups (CF1, CF2) meet with Instrumentation/Capabilities**

*Friday, 12 October 2012 12:30 (45 minutes)*

**Session Classification:** Capabilities

Contribution ID: 51

Type: **not specified**

**TBD**

*Friday, 12 October 2012 13:15 (1 hour)*

**Session Classification:** Capabilities

Contribution ID: 52

Type: **not specified**

**TBD**

*Friday, 12 October 2012 14:30 (1 hour)*

**Session Classification:** Capabilities

Contribution ID: 53

Type: **not specified**

## **Computing Group convenes as a whole with Lothar Bauerdick leading discussion**

Contribution ID: **54**

Type: **not specified**

**TBD**



Contribution ID: 55

Type: **not specified**

**TBD**

Contribution ID: 56

Type: **not specified**

## **Joint with Intensity**

*Friday, 12 October 2012 12:00 (1 hour)*

**Session Classification:** Computing Frontier

Contribution ID: 57

Type: **not specified**

## **Joint with Energy Frontier and Instrumentation**

*Friday, 12 October 2012 13:15 (1 hour)*

**Session Classification:** Computing Frontier

Contribution ID: 58

Type: **not specified**

## **Discussions with some Cosmic Frontier members (CF4,5)**

*Friday, 12 October 2012 13:15 (45 minutes)*

**Session Classification:** Computing Frontier

Contribution ID: 59

Type: **not specified**

## **General Public**

*Friday, 12 October 2012 09:30 (1 hour)*

**Session Classification:** Education & Outreach

Contribution ID: **60**

Type: **not specified**

## **Policy makers and opinion leaders**

*Friday, 12 October 2012 10:45 (1 hour)*

**Session Classification:** Education & Outreach

Contribution ID: **61**

Type: **not specified**

## **The science community**

*Friday, 12 October 2012 12:00 (1 hour)*

**Session Classification:** Education & Outreach

Contribution ID: **62**

Type: **not specified**

## **Teachers and Students**

*Friday, 12 October 2012 13:15 (1 hour)*

**Session Classification:** Education & Outreach



Contribution ID: 63

Type: **not specified**

## Quark Flavor Physics

*Friday, 12 October 2012 09:30 (1h 45m)*

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**Session Classification:** Intensity Frontier

Contribution ID: 64

Type: **not specified**

## Charged Lepton Processes

*Friday, 12 October 2012 09:30 (1h 45m)*

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**Session Classification:** Intensity Frontier

Contribution ID: 65

Type: **not specified**

## Neutrinos

*Friday, 12 October 2012 09:30 (1h 45m)*

Note: This meeting will use main ReadyTalk line for One West.

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**Presenters:** DE GOUVEA, Andre; SCHOLBERG, Kate (Duke University); Prof. PITTS, Kevin (University of Illinois); Dr ZELLER, Sam (FNAL)

**Session Classification:** Intensity Frontier

Contribution ID: 66

Type: **not specified**

## New Light Weakly Coupled Particles

*Friday, 12 October 2012 09:30 (1h 45m)*

**Dial-In Information**

U.S. & Canada: 866.740.1260

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**Session Classification:** Intensity Frontier

Contribution ID: 67

Type: **not specified**

## Baryon Number Violation

*Friday, 12 October 2012 09:30 (1h 45m)*

<b>Dial-In Information</b></u>

U.S. & Canada: 866.740.1260

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**Session Classification:** Intensity Frontier

Contribution ID: 68

Type: **not specified**

## Nucleons, Nuclei & Atoms

*Friday, 12 October 2012 09:30 (1h 45m)*

<b>Dial-In Information</b></u>

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**Session Classification:** Intensity Frontier

Contribution ID: 69

Type: **not specified**

## **NSAC Report & Perspective**

*Friday, 12 October 2012 11:15 (30 minutes)*

**Presenter:** KLEIN, Josh

**Session Classification:** Intensity Frontier

Contribution ID: 70

Type: **not specified**

## **Joint with Capabilities**

*Friday, 12 October 2012 12:30 (15 minutes)*

**Session Classification:** Intensity Frontier



Contribution ID: 71

Type: **not specified**

## **Joint with Computing**

*Friday, 12 October 2012 12:45 (15 minutes)*

**Session Classification:** Intensity Frontier

Contribution ID: 72

Type: **not specified**

## **Joint with Instrumentation**

*Friday, 12 October 2012 12:00 (30 minutes)*

**Session Classification:** Intensity Frontier

Contribution ID: 73

Type: **not specified**

## **Subgroup Presentation: Quark Flavor Physics**

*Friday, 12 October 2012 13:15 (20 minutes)*

**Session Classification:** Intensity Frontier

Contribution ID: 74

Type: **not specified**

## **Subgroup Presentation: Charged Lepton Processes**

*Friday, 12 October 2012 13:35 (20 minutes)*

**Session Classification:** Intensity Frontier

Contribution ID: 75

Type: **not specified**

## **Subgroup Presentation: Neutrinos**

*Friday, 12 October 2012 13:55 (20 minutes)*

**Session Classification:** Intensity Frontier

Contribution ID: 76

Type: **not specified**

## **Subgroup Presentations: New Light Weakly Coupled Particles**

*Friday, 12 October 2012 14:30 (20 minutes)*

**Session Classification:** Intensity Frontier

Contribution ID: 77

Type: **not specified**

## **Subgroup Presentations: Baryon Number Violation**

**Presenter:** Prof. KAMYSHKOV, Yuri (University of Tennessee)

Contribution ID: 78

Type: **not specified**

## **Subgroup Presentations: Overall Intensity Frontier**

*Friday, 12 October 2012 15:10 (20 minutes)*

**Session Classification:** Intensity Frontier



Contribution ID: 79

Type: **not specified**

## Conveners Meeting

Contribution ID: **80**

Type: **not specified**

## **New Particles (Chair: Daniel Whiteson)**

*Friday, 12 October 2012 19:30 (1h 30m)*

Informal discussion of new particle searches: What studies should be done, how do we cooperate between groups, what should the final product be?

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**Session Classification:** Energy Frontier

Contribution ID: **81**

Type: **not specified**

## Flavor (Chair: Soeren Prell)

*Friday, 12 October 2012 19:30 (1h 30m)*

Informal discussion of Flavor Physics and CP violation at high energy: What are the important topics to study?

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**Session Classification:** Energy Frontier

Contribution ID: 82

Type: **not specified**

## Top Quark (Chair: Reinhard Schwienhorst)

*Friday, 12 October 2012 19:30 (1h 30m)*

Informal discussion of Flavor Physics and CP violation at high energy: What are the important topics to study?

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Evo connection:

<http://evo.caltech.edu/evoNext/koala.jnlp?meeting=vsvivIeseBIBIIauaeItas>

evo password: topsnowmass

**Session Classification:** Energy Frontier

Contribution ID: 83

Type: **not specified**

## QCD (Chair: Joey Huston)

*Friday, 12 October 2012 19:30 (1h 30m)*

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EVO:

Meeting URL:

<http://evo.caltech.edu/evoNext/koala.jnlp?meeting=MIM9Ms2I22D2Ds9a9uDa9I>

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**Session Classification:** Energy Frontier

Contribution ID: **84**

Type: **not specified**

## **Informal Discussion in Subgroups: Higgs**

Contribution ID: 85

Type: **not specified**

## **Informal Discussion in Subgroups: Electroweak**

Contribution ID: 86

Type: **not specified**

## Higgs (Chair: Chris Tully)

*Friday, 12 October 2012 19:30 (1h 30m)*

Informal discussion of studies to be done on hadron and lepton collider strategies for Higgs studies  
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**Session Classification:** Energy Frontier



Contribution ID: 87

Type: **not specified**

## **Electroweak (Chair: Michael Schmitt)**

*Friday, 12 October 2012 19:30 (1h 30m)*

**Dial-In Information**

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**Session Classification:** Energy Frontier

Contribution ID: 88

Type: **not specified**

## **Wine & Cheese Event: Town Hall Meeting (Chair: Pierre Ramond)**

**[Click here for the live video stream](#)**

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Contribution ID: **89**

Type: **not specified**

## CF1

*Friday, 12 October 2012 12:30 (1h 30m)*

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**Presenter:** Prof. CUSHMAN, Priscilla (University of Minnesota)

**Session Classification:** Cosmic Frontier

Contribution ID: **90**

Type: **not specified**

## CF2

*Friday, 12 October 2012 12:30 (1h 30m)*

<b>Dial-In Information</b></u>

U.S. & Canada: 866.740.1260

Switzerland: 0800705351 (Toll Free)

United Kingdom: 08004960576 (Toll Free)

List of global toll-free Numbers

<b>Access Code: 7344724</b>

<b>To Join Your Meeting via Web</b></u>

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**Session Classification:** Cosmic Frontier

Contribution ID: 91

Type: **not specified**

## CF3

*Friday, 12 October 2012 12:30 (1h 30m)*

<b>Dial-In Information</b></u>

U.S. & Canada: 866.740.1260

Switzerland: 0800705351 (Toll Free)

United Kingdom: 08004960576 (Toll Free)

List of global toll-free Numbers

<b>Access Code: 7024149</b>

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**Session Classification:** Cosmic Frontier

Contribution ID: 92

Type: **not specified**

## CF5

*Friday, 12 October 2012 12:30 (1h 30m)*

<b>Dial-In Information</b></u>

U.S. & Canada: 866.740.1260

Switzerland: 0800705351 (Toll Free)

United Kingdom: 08004960576 (Toll Free)

List of global toll-free Numbers

<b>Access Code: 8763076</b>

<b>To Join Your Meeting via Web</b></u>

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**Session Classification:** Cosmic Frontier

Contribution ID: 93

Type: **not specified**

## CF6

*Friday, 12 October 2012 12:30 (1h 30m)*

<b>Dial-In Information</b></u>

U.S. & Canada: 866.740.1260

Switzerland: 0800705351 (Toll Free)

United Kingdom: 08004960576 (Toll Free)

List of global toll-free Numbers

<b>Access Code: 9343617</b>

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**Session Classification:** Cosmic Frontier

Contribution ID: 94

Type: **not specified**

## Cosmic/Instrumentation Frontier Liaisons

*Friday, 12 October 2012 14:30 (45 minutes)*

**Dial-In Information**

U.S. & Canada: 866.740.1260

Switzerland: 0800705351 (Toll Free)

United Kingdom: 08004960576 (Toll Free)

List of global toll-free Numbers

**Access Code: 6639079**

**To Join Your Meeting via Web**

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<https://cc.readytalk.com/r/pv20fvqu2kkl>

**Session Classification:** Instrumentation Frontier



Contribution ID: 95

Type: **not specified**

## **Intensity/Instrumentation Frontier Liasons**

*Friday, 12 October 2012 14:30 (45 minutes)*

**Session Classification:** Instrumentation Frontier

Contribution ID: **96**

Type: **not specified**

**TBD**

*Friday, 12 October 2012 14:30 (45 minutes)*

**Session Classification:** Instrumentation Frontier

Contribution ID: 97

Type: **not specified**

## **Group Discussions**

*Friday, 12 October 2012 10:30 (4 hours)*

**Session Classification:** Computing Frontier

Contribution ID: 98

Type: **not specified**

## **Individual liaisons attending respective sessions**

*Friday, 12 October 2012 10:30 (4 hours)*

**Session Classification:** Computing Frontier

Contribution ID: 99

Type: **not specified**

## Final Discussion

*Friday, 12 October 2012 15:15 (45 minutes)*

**Presenter:** Dr BAUERDICK, Lothar (Fermilab)

**Session Classification:** Computing Frontier

Contribution ID: **100**

Type: **not specified**

## **Computing Group Convenes**

*Friday, 12 October 2012 09:30 (1 hour)*

**Presenter:** Dr BAUERDICK, Lothar (Fermilab)

**Session Classification:** Computing Frontier

Contribution ID: **101**

Type: **not specified**

## **DPF Panel on Theory**

*Friday, 12 October 2012 16:45 (10 minutes)*

**Primary author:** DAWSON, Sally (BNL)

**Presenter:** DAWSON, Sally (BNL)

**Session Classification:** Town Hall Meeting

Contribution ID: **102**

Type: **not specified**

## **Polarized Drell-Yan**

*Friday, 12 October 2012 16:30 (10 minutes)*

**Presenter:** KRISCH, Alan (University of Michigan)

**Session Classification:** Town Hall Meeting



Contribution ID: **103**

Type: **not specified**

## **The ILC**

*Friday, 12 October 2012 16:00 (10 minutes)*

**Presenter:** BRAU, James (Univ. of Oregon)

**Session Classification:** Town Hall Meeting

Contribution ID: **104**

Type: **not specified**

## CpF T4 Perturbative QCD

*Friday, 12 October 2012 13:15 (1 hour)*

**Dial-In Information**

U.S. & Canada: 866.740.1260

Switzerland: 0800705351 (Toll Free)

United Kingdom: 08004960576 (Toll Free)

List of global toll-free Numbers

**Access Code: 8699428**

**To Join Your Meeting via Web**

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**Primary author:** Mr HOECHE, Stefan (SLAC)

**Session Classification:** Computing Frontier

Contribution ID: **105**

Type: **not specified**

## **CpF T1 Accelerator Science**

*Friday, 12 October 2012 14:15 (1h 15m)*

**Session Classification:** Computing Frontier

Contribution ID: **106**

Type: **not specified**

## **Energy Frontier**

*Saturday, 13 October 2012 09:00 (20 minutes)*

**Presenters:** PESKIN, Michael (SLAC); Prof. BROCK, Raymond (Michigan State University)

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: **107**

Type: **not specified**

## **Intensity Frontier**

*Saturday, 13 October 2012 09:20 (20 minutes)*

**Presenters:** Prof. WEERTS, Hendrik (Argonne National Laboratory); HEWETT, JoAnne

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: **108**

Type: **not specified**

## **Cosmic Frontier**

*Saturday, 13 October 2012 09:40 (20 minutes)*

**Presenters:** Prof. FENG, Jonathan (UC Irvine); Prof. RITZ, Steve (UCSC and SCIPP)

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: **109**

Type: **not specified**

## **Instrumentation**

*Saturday, 13 October 2012 10:00 (20 minutes)*

**Presenters:** NICHOLSON, Howard (Retired); DEMARTEAU, Marcel (Argonne National Laboratory); Dr LIPTON, Ronald (Fermilab)

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: **110**

Type: **not specified**

## **Discussion**

*Saturday, 13 October 2012 10:20 (10 minutes)*

**Session Classification:** Conveners: summaries of breakout sessions and next steps



Contribution ID: **111**

Type: **not specified**

## Capabilities

*Saturday, 13 October 2012 11:00 (20 minutes)*

**Presenter:** Prof. BATTAGLIA, Marco (UCSC and LBNL)

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: **112**

Type: **not specified**

## Capabilities

*Saturday, 13 October 2012 11:20 (10 minutes)*

**Presenter:** GILCHRIESE, Murdock (Lawrence Berkeley National Laboratory)

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: **113**

Type: **not specified**

## Computing

*Saturday, 13 October 2012 11:30 (20 minutes)*

**Presenters:** Dr BAUERDICK, Lothar (Fermilab); GOTTLIEB, Steven (Indiana Univ.)

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: 114

Type: **not specified**

## Education & Outreach

*Saturday, 13 October 2012 11:50 (20 minutes)*

**Presenters:** CRONIN-HENNESSY, Dan; BARDEEN, Marjorie (FNAL)

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: 115

Type: **not specified**

## Discussion

*Saturday, 13 October 2012 12:10 (5 minutes)*

**Session Classification:** Conveners: summaries of breakout sessions and next steps

Contribution ID: **116**

Type: **not specified**

## **Neutrino Factory**

*Friday, 12 October 2012 16:10 (10 minutes)*

**Presenter:** Prof. LONG, Kenneth (Imperial College London)

**Session Classification:** Town Hall Meeting

Contribution ID: 117

Type: **not specified**

## **Fermilab Fellowships in Theoretical Physics**

*Friday, 12 October 2012 16:40 (5 minutes)*

**Presenter:** Dr KRONFELD, Andreas (Fermilab)

**Session Classification:** Town Hall Meeting

Contribution ID: **118**

Type: **not specified**

## **Muon Collider**

*Friday, 12 October 2012 16:20 (5 minutes)*

**Presenter:** Dr HILL, Christopher (FNAL)

**Session Classification:** Town Hall Meeting



Contribution ID: **119**

Type: **not specified**

## Young Physicists

**Presenter:** CASEY, Brendan (FNAL)

Contribution ID: **120**

Type: **not specified**

## **VLHC**

*Friday, 12 October 2012 16:25 (5 minutes)*

**Presenter:** DENISOV, Dmitri (Fermilab)

**Session Classification:** Town Hall Meeting

Contribution ID: 121

Type: **not specified**

## Conveners Meeting

*Friday, 12 October 2012 20:00 (20 minutes)*

**Presenter:** Prof. WEERTS, Hendrik (Argonne National Laboratory)

**Session Classification:** Intensity Frontier

Contribution ID: 122

Type: **not specified**

## **Subgroup Presentation: Baryon Number Violation**

*Friday, 12 October 2012 14:50 (20 minutes)*

**Session Classification:** Intensity Frontier