

# **Colloque France-Ukraine 2015**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Nikolai F. Shulga (KIPT and KNU): Quantum effects at radiation by ultrarelativistic electrons in long undulator and at scattering in ultrathin crystals**

*Thursday, October 15, 2015 9:30 AM (30 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 1

Type: **not specified**

## **Sergii V. Trofimenko (KIPT), Ionization loss and transition radiation processes by high-energy 'half-bare' electron**

*Thursday, October 15, 2015 10:25 AM (15 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 2

Type: **not specified**

## **Sergii P. Fomin (KIPT), Computer simulation of high energy charged particle passage through aligned crystals**

*Thursday, October 15, 2015 10:00 AM (15 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 3

Type: **not specified**

## **Angeles Faus-Golfe (LAL), Electron beam uses and applications in ThomX**

*Thursday, October 15, 2015 10:40 AM (15 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 4

Type: **not specified**

## **Achille Stocchi, Introduction**

*Thursday, October 15, 2015 9:15 AM (15 minutes)*

**Session Classification:** Introduction

Contribution ID: 5

Type: **not specified**

## **Daniil Brzhechko (TSNUK), UA9 – slow extraction**

*Thursday, October 15, 2015 11:10 AM (10 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 6

Type: **not specified**

## **Vasyl Drozd (TSNUK), Installation and test of the Fiber Beam Loss Monitor at PHIL**

*Thursday, October 15, 2015 11:20 AM (10 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics



Contribution ID: 7

Type: **not specified**

## **Nicolas Delerue (LAL), Smith-Purcell radiation**

*Thursday, October 15, 2015 11:30 AM (10 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 8

Type: **not specified**

**Valery M. Pugatch (KINR), Hybrid and Metal  
Microdetector Systems for measuring spatial and  
time distribution of the charged particles and X-rays  
beams**

*Thursday, October 15, 2015 11:55 AM (15 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 9

Type: **not specified**

## **Oleksii Kovalchuk (KINR), Design of the Metal Microstrip Detector for the beam profile studies at PHIL**

*Thursday, October 15, 2015 12:10 PM (10 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: **10**

Type: **not specified**

## **Oleksandre Okhrimenko (KINR), LHCb RMS status and operation at 13 TeV**

*Thursday, October 15, 2015 12:20 PM (10 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 11

Type: **not specified**

## **Nicolas Delerue (LAL), New acceleration techniques**

*Thursday, October 15, 2015 2:15 PM (15 minutes)*

**Session Classification:** R&D on accelerators: lasers, RF and simulations

Contribution ID: 12

Type: **not specified**

**V.I. Maslov, I.P. Levchuk, I.N. Onishchenko (KIPT),  
"Focusing of relativistic electron bunches by  
nonresonant wakefield excited in plasma"**

*Thursday, October 15, 2015 2:00 PM (15 minutes)*

**Session Classification:** R&D on accelerators: lasers, RF and simulations

Contribution ID: 13

Type: **not specified**

## **Stéphane BERRY (CEA), XFEL village**

*Thursday, October 15, 2015 2:30 PM (20 minutes)*

**Session Classification:** R&D on accelerators: lasers, RF and simulations

Contribution ID: 14

Type: **not specified**

## **Eric Voutier (IPNO), Prospects for a new measurement of the proton radius**

*Thursday, October 15, 2015 3:05 PM (20 minutes)*

**Session Classification:** Nuclear Physics



Contribution ID: 15

Type: **not specified**

## **Georgi Georgiev (CSNSM), ALTO**

*Thursday, October 15, 2015 3:25 PM (20 minutes)*

**Session Classification:** Nuclear Physics

Contribution ID: 16

Type: **not specified**

## **Marie Jacquet (LAL)**

*Thursday, October 15, 2015 4:30 PM (15 minutes)*

**Session Classification:** Medical applications

Contribution ID: 17

Type: **not specified**

**Sara Spadola (IMNC), Optimization of an  
intraoperative beta imaging probe dedicated to  
tumor margins control during radioguided cancer  
surgery**

*Thursday, October 15, 2015 4:45 PM (15 minutes)*

**Session Classification:** Medical applications

Contribution ID: **18**

Type: **not specified**

## **Marc-Antoine Verdier (IMNC), Intrinsic Performances of the MAGICS Compact Gamma-Camera**

*Thursday, October 15, 2015 5:00 PM (15 minutes)*

**Session Classification:** Medical applications

Contribution ID: 19

Type: **not specified**

## **Slava Sharyy (IRFU), Development of the innovative detectors for PET at IRFU**

*Thursday, October 15, 2015 5:15 PM (15 minutes)*

**Session Classification:** Medical applications

Contribution ID: 20

Type: **not specified**

## **Olga Kochebina (IRFU), CaLIPSO-PET simulation with GATE/GEANT4**

*Thursday, October 15, 2015 5:30 PM (10 minutes)*

**Session Classification:** Medical applications

Contribution ID: **21**

Type: **not specified**

## **Samuel Meyroneinc (CPO): CPO**

*Thursday, October 15, 2015 5:40 PM (20 minutes)*

**Session Classification:** Medical applications

Contribution ID: 22

Type: **not specified**

## **Slava Kubytsky (LAL), Diamond detectors**

*Friday, October 16, 2015 9:15 AM (15 minutes)*

**Session Classification:** R&D on detectors



Contribution ID: 23

Type: **not specified**

## **Andrey Nagai (LAL), SiPM**

*Friday, October 16, 2015 9:30 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: 24

Type: **not specified**

## **Leonid Burmistrov (LAL), UA9 – CPFM**

*Friday, October 16, 2015 9:45 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: 25

Type: **not specified**

## **(Oleg Bezshyyko, Andrii Chaus), Micromegas/InGrid**

*Friday, October 16, 2015 10:00 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: 26

Type: **not specified**

## **Giovanni Calderini (LPNHE), Si for ATLAS upgrade**

*Friday, October 16, 2015 10:15 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: 27

Type: **not specified**

## **Nikolai I. Maslov (KIPT), Radiation resistance of Si detectors research using electrons and bremsstrahlung of KhIPT linacs**

*Friday, October 16, 2015 10:30 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: 28

Type: **not specified**

## **Dmytro Kharchenko (IAP-Sumy), Modeling Radiation Defects Dynamics and Microstructure Transformations in Irradiated Solids**

*Friday, October 16, 2015 11:00 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: 29

Type: **not specified**

## **Gabriel Charles (IPNO), ALERT: A Low Energy Recoil Tracker**

*Friday, October 16, 2015 11:15 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: **30**

Type: **not specified**

## **Giulia Hull, (IPNO), R&D on scintillator materials for nuclear physics**



Contribution ID: **31**

Type: **not specified**

## **Hugues Monard (LAL), ThomX**

*Friday, October 16, 2015 12:00 PM (15 minutes)*

**Session Classification:** Experimental platforms

Contribution ID: 32

Type: **not specified**

## **Pierre Lepercq (LAL), PHIL**

*Friday, October 16, 2015 12:15 PM (15 minutes)*

**Session Classification:** Experimental platforms

Contribution ID: 33

Type: **not specified**

## **Oleg Bezshyyko (TSNUK), Leetech**

*Friday, October 16, 2015 2:25 PM (10 minutes)*

**Session Classification:** Experimental platforms

Contribution ID: **34**

Type: **not specified**

## **Vladislav Titov (TSNUK), Corto**

Contribution ID: 35

Type: **not specified**

## **Sophie Kazamias, Laserix**

*Friday, October 16, 2015 2:35 PM (15 minutes)*

**Session Classification:** Experimental platforms

Contribution ID: **36**

Type: **not specified**

## **Visit of Laserix**

*Friday, October 16, 2015 2:50 PM (45 minutes)*

**Session Classification:** Experimental platforms

Contribution ID: 37

Type: **not specified**

## **Maksym Teklishyn (GSI), Charmonium description using decays to hadronic states with LHCb,**

*Friday, October 16, 2015 3:50 PM (15 minutes)*

**Session Classification:** Developments for HEP projects

Contribution ID: **38**

Type: **not specified**

## **Stephane Monteil (LPC-Clermont), FCC**

*Friday, October 16, 2015 4:05 PM (15 minutes)*

**Session Classification:** Developments for HEP projects



Contribution ID: 39

Type: **not specified**

## **Emi Kou (LAL), Flavour Physics at SuperBelle**

*Friday, October 16, 2015 4:20 PM (15 minutes)*

**Session Classification:** Developments for HEP projects

Contribution ID: 40

Type: **not specified**

## **Mathieu Bongrand (LAL), SOLID**

*Friday, October 16, 2015 5:05 PM (15 minutes)*

**Session Classification:** Neutrino

Contribution ID: 42

Type: **not specified**

## **Fedor Danevich (KINR), Instrumentation for double beta decay experiments**

*Friday, October 16, 2015 5:20 PM (15 minutes)*

**Session Classification:** Neutrino

Contribution ID: 43

Type: **not specified**

## Discussion

*Thursday, October 15, 2015 12:30 PM (15 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 44

Type: **not specified**

## Discussion

*Thursday, October 15, 2015 2:50 PM (15 minutes)*

**Session Classification:** R&D on accelerators: lasers, RF and simulations

Contribution ID: 45

Type: **not specified**

## **Giulia Hull (IPNO), R&D on scintillating materials for Nuclear Physics**

*Thursday, October 15, 2015 3:45 PM (15 minutes)*

**Session Classification:** Nuclear Physics

Contribution ID: 46

Type: **not specified**

## Discussion

*Thursday, October 15, 2015 4:00 PM (15 minutes)*

**Session Classification:** Nuclear Physics

Contribution ID: 47

Type: **not specified**

## Discussion

*Thursday, October 15, 2015 6:00 PM (15 minutes)*

**Session Classification:** Medical applications



Contribution ID: 48

Type: **not specified**

## Discussion

*Friday, October 16, 2015 11:45 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: 49

Type: **not specified**

## Discussion

*Friday, October 16, 2015 4:50 PM (15 minutes)*

**Session Classification:** Developments for HEP projects

Contribution ID: 50

Type: **not specified**

## Discussion

*Friday, October 16, 2015 5:35 PM (15 minutes)*

**Session Classification:** Neutrino

Contribution ID: 51

Type: **not specified**

## **Denys Poda (CSNSM), Molybdenum containing scintillating bolometers for double beta decay search (LUMINEU program)**

*Friday, October 16, 2015 11:30 AM (15 minutes)*

**Session Classification:** R&D on detectors

Contribution ID: 52

Type: **not specified**

## **François Le Diberder (LAL), Flavour Physics at ILC**

*Friday, October 16, 2015 4:35 PM (15 minutes)*

**Session Classification:** Developments for HEP projects

Contribution ID: 53

Type: **not specified**

## **Alexander V. Shchagin (KIPT), Production and applications of X-rays emitted by relativistic particles**

Contribution ID: 55

Type: **not specified**

## **Oleksiy Fomin (KIPT and KNU), Qausireflection of relativistic charged particle beam by a thin crystal**

*Thursday, October 15, 2015 10:15 AM (10 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics

Contribution ID: 56

Type: **not specified**

## **Alexander V. Shchagin (KIPT), Production and applications of X-rays emitted by relativistic particles**

*Thursday, October 15, 2015 11:40 AM (15 minutes)*

**Session Classification:** R&D on accelerators: beam diagnostics



Contribution ID: 57

Type: **not specified**

## **Slava Sharyy (IRFU), Development of the innovative detectors for PET at IRFU**

*Friday, October 16, 2015 2:00 PM (15 minutes)*

**Session Classification:** Medical applications

Contribution ID: 58

Type: **not specified**

## **Olga Kochebina (IRFU), CaLIPSO-PET simulation with GATE/GEANT4**

*Friday, October 16, 2015 2:15 PM (10 minutes)*

**Session Classification:** Medical applications