



## Curriculum Vitae

### Informazioni personali/

#### Personal Information

Nome e Cognome / Name and Surname ***Irena Dolenc Kittelmann***

Genere / Gender Femmina

### Esperienze professionali/

#### Work Experiences

14/01/2013 - European Spallation Source, Lund, Sweden

Project coordination, detector system development. Roles: - System Lead for 3 proton beam diagnostics detector systems: neutron sensitive Beam Loss Monitoring System (nBLM), Ionisation Chamber based Beam Loss Monitoring System (ICBLM) and Longitudinal Bunch profile Monitors (LBM). - Deputy Leader for the task 10.6 "Machine Learning techniques for accelerator and target instrumentation" in the I.FAST project (Horizon 2020 program). - Spokesperson for the Beam Damage team. - Technical expert for beam loss simulations, particle-matter interactions and particle detectors; data acquisition and data analysis techniques; radiation effects and beam damage analyses.

01/04/2010 - 31/07/2012 CERN, Geneva, Switzerland

Study of radiation damage in semiconductor detectors (primarily silicon detectors).

01/10/2003 - 31/03/2010 Jožef Stefan Institute, Ljubljana, Slovenia

- Study of radiation damage in semiconductor detectors (primarily silicon) and diamond detectors. - Development, testing, installation, commissioning and early operation of Beam Conditions Monitoring (BCM) system for the ATLAS experiment at LHC at CERN. - Development, testing, installation, commissioning and early operation of Beam Loss Monitoring (BLM) system for the ATLAS experiment at LHC at CERN.

### Istruzione e formazione/

#### Education and Training

01/10/2003 - 30/09/2007 Postgraduate study of Physics (Elementary Particle Physics programme) at the Faculty of Mathematics and Physics (FMF), University of Ljubljana (UL), Slovenia. Ph.D. thesis: "Development of Beam Conditions Monitor for the ATLAS experiment".

01/10/1996 - 30/09/2003 Undergraduate study of Physics (Astronomy and Geophysics programme) at Faculty of Mathematics and Physics (FMF), University of Ljubljana (UL), Slovenia. Graduation thesis: "Determination of  $^{90}\text{Sr}$  activity with detection of Cherenkov photons emitted in aerogel" ("Določanje aktivnosti  $^{90}\text{Sr}$  z detekcijo fotonov Čerenkova izsevanjih v aerogelu").

## **Competenze personali/ Personal Skills**

Lingua madre / Mother tongue Slovenian

Altre lingue / Other languages \*Livello / Level \*

English C1 - Avanzato

Danish B2 - Alto intermedio

French A2 - Elementare

\*Autovalutazione / Self-assessment: [Quadro Comune Europeo di Riferimento delle Lingue](#) / [Common European Framework of Reference for Languages](#)

## **Altre competenze/ Other Skills**

Altre competenze / Other skills

Patente di guida / Driving licence

## **Ulteriori informazioni/ Additional Information**

Sito personale / Personal web <https://orcid.org/0000-0001-7971-5727>, <https://www.linkedin.com/in/irena-dolenc-pageskittelmann-377573260>

Ulteriori Informazioni / Additional  
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