

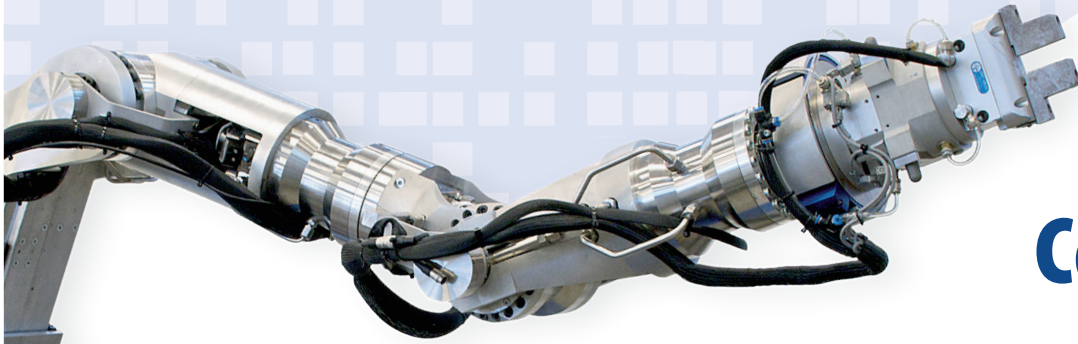
PURES SAFE FINAL CONFERENCE

CERN

Geneva

19-23 Jan. 2015

Call for Contributions



Background

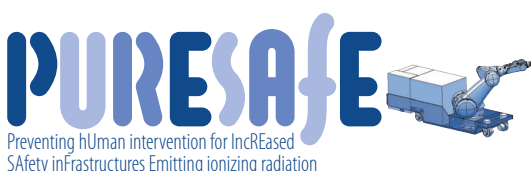
PURES SAFE ("Preventing hUman intervention for incrREased SAfety in inFrastructures Emitting ionizing radiation") is an **Initial Training Network FP7 Marie Curie Actions** project, supported by the European Commission under grant agreement no. 264336. The network was set up with the aim of enhancing career development and training of 15 early-stage researchers in the field of systems engineering and telerobotics. The project was approved in 2011 and will be completed early next year. Three academic institutions (**Tampere University of Technology** in Finland, **Universidad Politécnica de Madrid** in Spain and **Karlsruhe Institute of Technology** in Germany), two research laboratories (**GSI** in Darmstadt, Germany and **CERN** in Geneva, Switzerland) and three industrial firms (**Oxford Technologies Ltd.** in Abingdon, UK, **SenseTrix Ltd.** in Helsinki, Finland and **bgator Ltd.** in Tampere, Finland) took part in it.

Conference

The **PURES SAFE Final Conference** is the closing event of the project. It will take place at CERN in Geneva, Switzerland from **Monday 19th to Friday 23rd January 2015**. One and a half days will be dedicated to systems engineering aspects; Two and a half days to telerobotics. Visits to CERN's impressive scientific facilities are also part of this event.

Objectives

The objectives of this conference are threefold: 1) presenting to the **systems engineering and telerobotics** communities the outcomes of the 15 research projects; 2) offering other young researchers in these fields the possibility to present the outcomes of their on-going research work; and last but not least, 3) bringing together researchers and practitioners to exchange and share their experiences and research results in all aspects of systems engineering and telerobotics applied to scientific and industrial facilities subject to ionizing radiation and other hazards.



Preventing hUman intervention for IncrEased
SAfety inFrastructures Emitting ionizing radiation

Call for Contributions

We encourage you to contribute to and help shape this conference through **abstract submissions** (5000 signs max). We typically invite high quality submissions describing original results of conceptual, empirical or experimental work in all areas of systems engineering and telerobotics applied to scientific and industrial facilities subject to ionizing radiation and other hazards. Because of the first objective, 15 half-hour slots (20 minutes for oral presentation + 10 minutes for discussion) will be reserved for PURES SAFE early-stage researchers, but 15 other slots are offered to other contributions as well as a poster area.

Submission deadline: Friday 7th November 2014

Information to selected contributors: Friday 14th November 2014

Abstracts shall be sent to Pierre.Bonnal@cern.ch who will forward them to ad-hoc scientific committee chairpersons.

Special Journal Issue

All submitted conference papers will be peer reviewed by two dedicated scientific committees. High quality papers addressing systems engineering concerns at large will be published in a special issue of the *Journal of Modern Project Management*.

Scientific Committees

Systems Engineering-related Topics

Julie Le Cardinal École Centrale Paris, Chair

Olga Beltramello CERN

Pierre Bonnal CERN

Samy Chemli CERN

Doris Forkel Wirth CERN

Luisella Lari ESS

Seppo Laukkanen SenseTrix

Bertrand Nicquevert CERN

Jivka Ovtcharova KIT

Danai Skournetou bgator

Seppo Virtanen TUT

Telerobotics-related Topics

Rachid Alami CNRS LAAS Toulouse, Chair

Mario Di Castro CERN

Bruno Féral CERN

Manuel Ferre UPM

Reza Ghabcheloo TUT

Keith Kershaw CERN

Roberto Losito CERN

Alessandro Masi CERN

Jouni Mattila TUT

Alan Rolfe OTL

Helmut Weick GSI