europass Curriculum vitae

PERSONAL INFORMATION

Marek Scholz

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WORK EXPERIENCE

2014–Present — **Project leader**

Project Leader: Grant F4E-GRT-403 Conceptual Design and Interface Specyfications of High Resolution Neutron Spectrometer,(UGCAN9_v3_1)

2016–Present — **Performer of the subtask**

Subtask ENS-1.1.2.4-T7-01: Analysis of upgrading DONES Plant to IFMIF (EFDA_D_2MTRNQ)

2010–2012 — **Project Leader**

Gas detectors of new generation (GEM) for the High Resolution X-ray plasma diagnostics acronym: Fusion, contract number: FU07-CT-2010-00223

2010–2012 — **Project Leader**

Gas Electron Multiplier detector for X-ray Crystal Spectrometry (GXS) (EFDA JET order JW10-OEP-POL-06

2010–2012 — **Project Leader**

Development of gas detectors for 2.5 and 14 MeV neutron measurements utilizing activation method (WP10-DIA-04-01-03)

2009–2012 — **Project Leader**

The activation measurements in support of the JET neutron calibration (JW11-FT-4.21)

2002–2006 — **Project leader**

Contract No: 11940/R2 IAEA, Investigation of ionizing radiation efficiency and spectra from 1.2 MJ plasma-focus device and its applications (2002 -2006)

1999–2012 — **Project Leader**

National project: Special Equipment Research Project "Unique research complex Plasma-Focus PF-1000"

1997–1999 — **Project leader**

Contract with European Office of Aerospace Research (EOARD) nr SPC 99-4087 Neutron emission experiment on the megajoule Plasma-Focus facility operated at IPPLM, to order Air Force Defense Institute

EDUCATION AND TRAINING

1978 — **MSc in Technical Physics**

Military Academy of Technology, Department of Chemistry and Physics, Warsaw (Poland)

1990 **PhD in Technical Science**

Military Academy of Technology in Warsaw, Department of Chemistry and Physics, Warsaw (Poland)

2014 **Habilitation in Physics**

The Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Sciences, Cracow (Poland)

ADDITIONAL INFORMATION

Professional interest

Plasma Diagnostic with particular emphasis fusion product measurements, Neutronics

Publications

More than 300 publications in refereed journals and numerous Conference contributions; Hirsch factor (WOS) 14, Number of citations of publications by the database Web of Science (WoS): 814 without self-citations: **558**

Conferences

18 invited lectures & 10 oral presentations

Memberships

Member of ITPA Diagnostic group. Chairmen of the SWG Fusion product group; Member of the Scientific Committee of the Symposium on Plasma Physics and Technology, Prague; Member of thePolishPhysical Society

Honours and awards

Kurchatov Prize for the best work in the field of scientific work in 2012. Award given by the National Research Centre "Kurchatov Institute"

Educational Achievement and the popularization

Lectures for the secondary schools and students related to fusion research in the framework of picnics and visits in the IPPLM (2002 -2012), Lectures at the International doctoral studies at IFJ (from 2012)