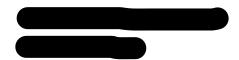
# PERSONAL INFORMATION Lorenzo Savino



#### WORK EXPERIENCE

# November 2021 - Present PhD student Sapienza at SBAI department

Rome, IT

Phd in mathematical models for engineering, electromagnetism and nanosciences at "scienze di base applicate all'ingegneria" department, Sapienza Univerity of Rome

Research project: Innovative targets for laser-driven thermonuclear fusion energy: models,

simulation, scaled-down experiments

Tutor: S. Atzeni in collaboration with University of Rochester USA

# July 2021 – September 2021

# Sapienza OFA Tutor (math section)

Rome, IT Department of Mathematics of Sapienza University of Rome

Revision of the Sapienza online OFA (obblighi formativi aggiuntivi) platform.

## November 2021 – June 2021

# INFN Lab2Go project Fellow

Rome, IT

Sapienza and INFN (Istituto Nazionale di Fisica Nucleare

Project in collaboration with the high schools (Licei) of Rome, whose goal is to bring students closer to the world of physics through experiences, lessons and enhancement of the museum heritage of the respective schools.

### **EDUCATION AND TRAINING**

# November 2021 Course: Fortran for Scientific computing

IT CINECA (PRACE partner)

### September 2019 - September 2021

# Master Degree in Physics

Rome, IT

Department of Physics, Sapienza university of Rome

Curriculum: Particle physics

Title: Studio di target innovativi per la fusione inerziale via Laser.

Thesis Advisor: S. Atzeni | Collaboration with university of Rochester NY, USA

Final grade: 107/110

#### June 2021

### Summer school on energy

Course 6 - Joint EPS-SIF International School on Energy Energy Innovation and Integration for a Clean Environment

# 2014–2019 Bachelor Degree in Physics

Rome, IT

Department of Physics, Sapienza university of Rome

Curriculum: physics

Title: Il filtro ottimo applicato all'esperimento CUORE

Thesis Advisor: M. Vignati

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Lorenzo Savino

2009–2014 Scientific high school diploma

Naples, IT Liceo Calamandrei

Final grade: 100/100

2014 Masterclass in crystallograph

Naples, IT Department of Physics, Federico II university

2013 Masterclass in Particle physics

Naples, IT Department of Physics, Federico II university

November 2012 English intensive school

London, UK Bell Centers

2012 "Lauree Scientifiche" Project in mechanics and thermodynamics

Naples, IT Department of Physics, Federico II university

**ACHIEVEMENTS AND AWARDS** 

2021 Best Communication

IT 107<sup>th</sup> SIF (Società Italiana di Fisica) National congress

Award: Free publication on " Il Nuovo Cimento C"

2013 Gaetano Balzano philosophy award

Naples, IT  $2^{nd}$  classified

2013 Publication of two short novels

IT titles: "Lost in his mind" and "baby story of DNA"

book: Merk-Serono award book "la scienza narrata 2013".

2012 Publication of a short novel

IT title: "Yuri Gagarin"

book: Merk-Serono award book "la scienza narrata 2012".

2012 EU PON scholarship

London, UK One month scholarship for intensive course at Bell centers in London.

PERSONAL SKILLS

Mother tongue Italian

English

French

Other languages

UNDERSTANDING		SPEAKING		WRITING	
Listening	Reading	Spoken interaction	Spoken production		
C1	C1	B2	C1	C1	
PET, B2+ British Council					
A2	A2	A1	A1	A2	

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user

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Common European Framework of Reference for Languages



# Curriculum vitae Lorenzo Savino

# Digital competences

SELF-ASSESSMENT					
Communication	Content creation	Safety	Problem solving		
Proficient user	Proficient user	Proficient user	Proficient user		

Digital competences - Self-assessment grid

#### Computer skills

- Programming languages: C, C++, Fortran, Python
- Others: ROOT Cern, Bash, LaTEX, gnuplot et simila.
- programs: Office, Inkscape, Octave

#### **WORKSHOPS**

2021 16th DFI Direct Drive Fast Inigntion

Uditor ELI Beamlines, 22-24 March 2021.

Information

Processing
Proficient user

## 2021 Fusione a confinamento inerziale

Uditor ENEA Frascati, 10 november 2021.

Driving licence B

#### **PUBLICATIONS**

- [1] L. Savino et al. "Studies on dynamical shell formation for direct-drive laser fusion". In: *nuovo Cimento C*. In PUBLICATION.
- [2] L. Savino et al. "Studies on dynamical shell formation for direct-drive laser fusion". In: *Atti del 107 congresso SIF*.
- [3] I. Igumenshchev et al. "Dynamic Shell Stability to Low-Mode Perturbations". In: *63rd Annual Meeting of the APS Division of Plasma Physics*. Vol. 66. Pittsburgh, PA.

Autorizzo il trattamento dei miei dati personali presenti nel curriculum vitae ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 e del GDPR (Regolamento UE 2016/679).

Al fine della pubblicazione.

F.to Lorenzo Savino

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