

PAOLO CREMONESE

I am a PhD student at University of Szczecin, Poland.
I work on gravitational lensing of gravitational waves.
I am passionate about technologies, data analysis, travelling.



CONTACT

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SKILLS

Programming

Python
LaTeX
Mathematica
HTML/CSS



Operating Systems

Linux
MacOS
Windows



Languages

Italian
English
Spanish
Polish



INTERESTS

Technology
Data analysis
Sports
Travelling
Books
Piano

EDUCATION

- 📅 2018
📍 University of Szczecin
supervisor: V. Salzano
PhD - Astrophysics
- 📅 2015 - 2017
📍 Stockholm University -
Università degli studi di Padova
final result: 110L/100
supervisors: E. Mörtzell & S. Matarrese
Thesis' title: Delay in arrival time between Gravitational Waves and Electromagnetic signal due to Gravitational Lensing
Master's Degree - Astronomy
- 📅 2011 - 2015
📍 Università degli studi di Padova
final result: 98/100
supervisor: A. Pizzella
Thesis' title: Dark matter in spiral galaxies
Bachelor's Degree - Astronomy

PUBLICATIONS

DETAILED LIST ON PAGE 2

- #2 High accuracy on H_0 measurements from gravitational wave lensing events; P. Cremonese, V. Salzano. 1911.11786 - Physics of the Dark Universe Vol. 28, pag. 100517, 2020
- #1 The lensing time delay between gravitational and electromagnetic waves; P. Cremonese, E. Mörtzell. 1808.05886

MENTIONS

Constraining the Hubble Constant with Lensed Gravitational Wave Events

- 👤 K. Shin
📅 2019 astrobites.org
🔗 Link to article

WORK EXPERIENCE

- 📅 Feb.-July, 2018
📍 DBA group, Treviso, Italy
Internship, data scientist
I worked in a group developing methods and knowledge on how to record and elaborate different type of data, from meteorological to industrial.

CONFERENCES & DOCTORAL SCHOOL

- 10/2019 Cosmic controversies @ Chicago, Illinois USA
09/2019 The 6th Conference of the Polish Society on Relativity @ Szczecin, Poland
12/2019 IPARCOS School on Gravitational Waves @ Universidad Complutense de Madrid, Madrid, Spain
12/2019 XIII Tonale Winter School on Cosmology @ Passo del Tonale (TN), Italy

PUBLICATIONS

Full list of publication can be found (at the links) on ArXiv and on INSPIRE.

High accuracy on H_0 measurements from gravitational wave lensing events

#2

 **P. Cremonese**, V. Salzano

 2019  Physics of the Dark Universe Vol. 28, pag. 100517, 2020

 [ADS](#), [arXiv](#)

The lensing time delay between gravitational and electromagnetic waves

#1

 **P. Cremonese**, E. Mörtzell

 2018

 [ADS](#), [arXiv](#)