INTERNATIONAL CONFERENCE

DARK MATTER AND STARS

Multi-Messenger Probes of Dark Matter and Modified Gravity

Center for Astrophysics and Gravitation (CENTRA)
Instituto Superior Técnico (IST) - University of Lisbon, Portugal
3 - 5 May 2023

A VERY BIG THANK YOU TO ALL THE PARTICIPANTS FOR BEING HERE AND FOR THE GREAT QUALITY OF THE PRESENTED TALKS AND USEFUL DISCUSSIONS, YOU ALL MADE THIS CONFERENCE AN OUTSTANDING EVENT!

ICDMS2023

SUMMARY OF ICDMS2023

90 participants

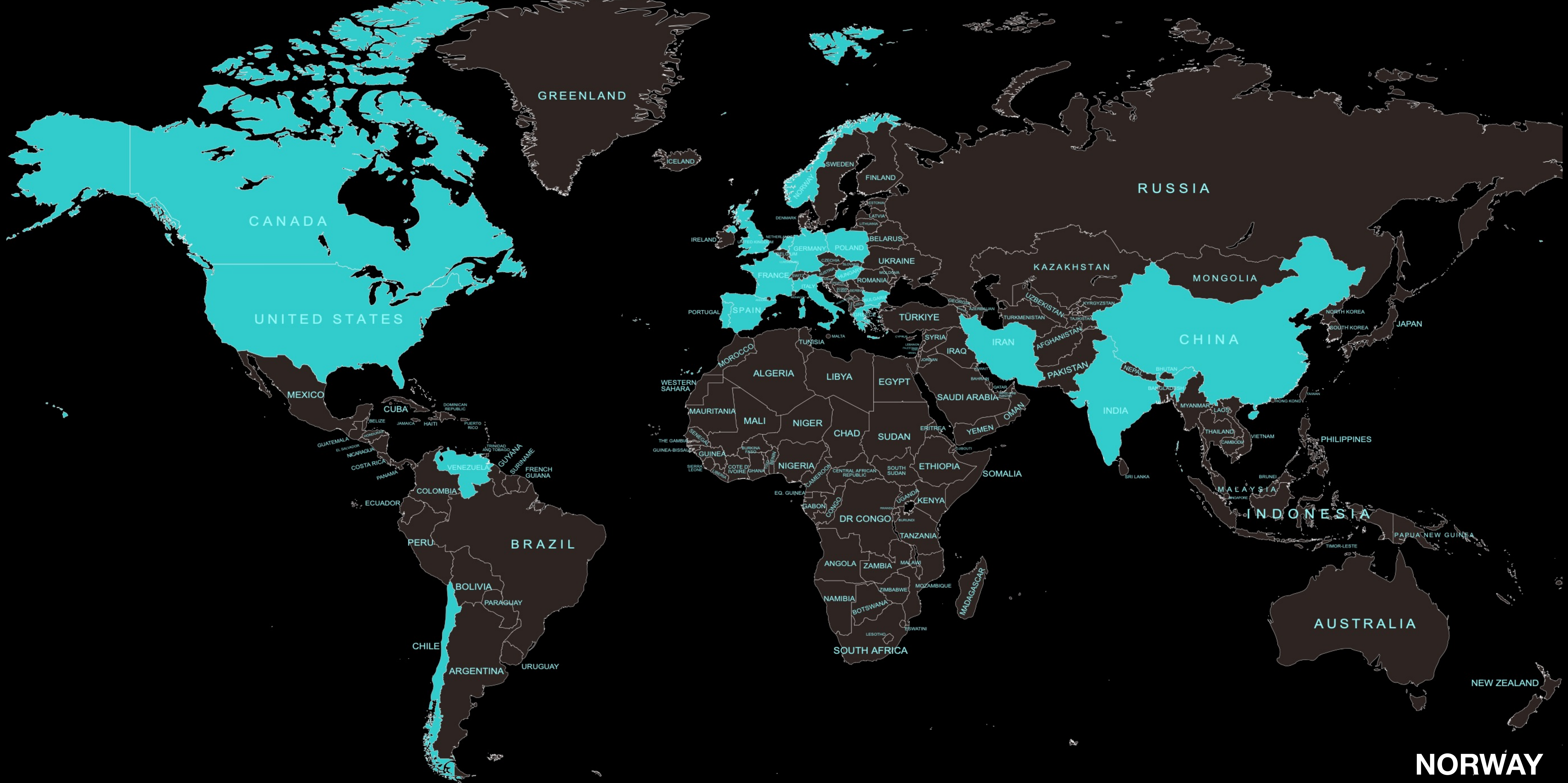
48 talks

17 posters

1 Conference dinner

1 bag lost and found twice in less than 1 hour

Ilídio Lopes
President of CENTRA, IST

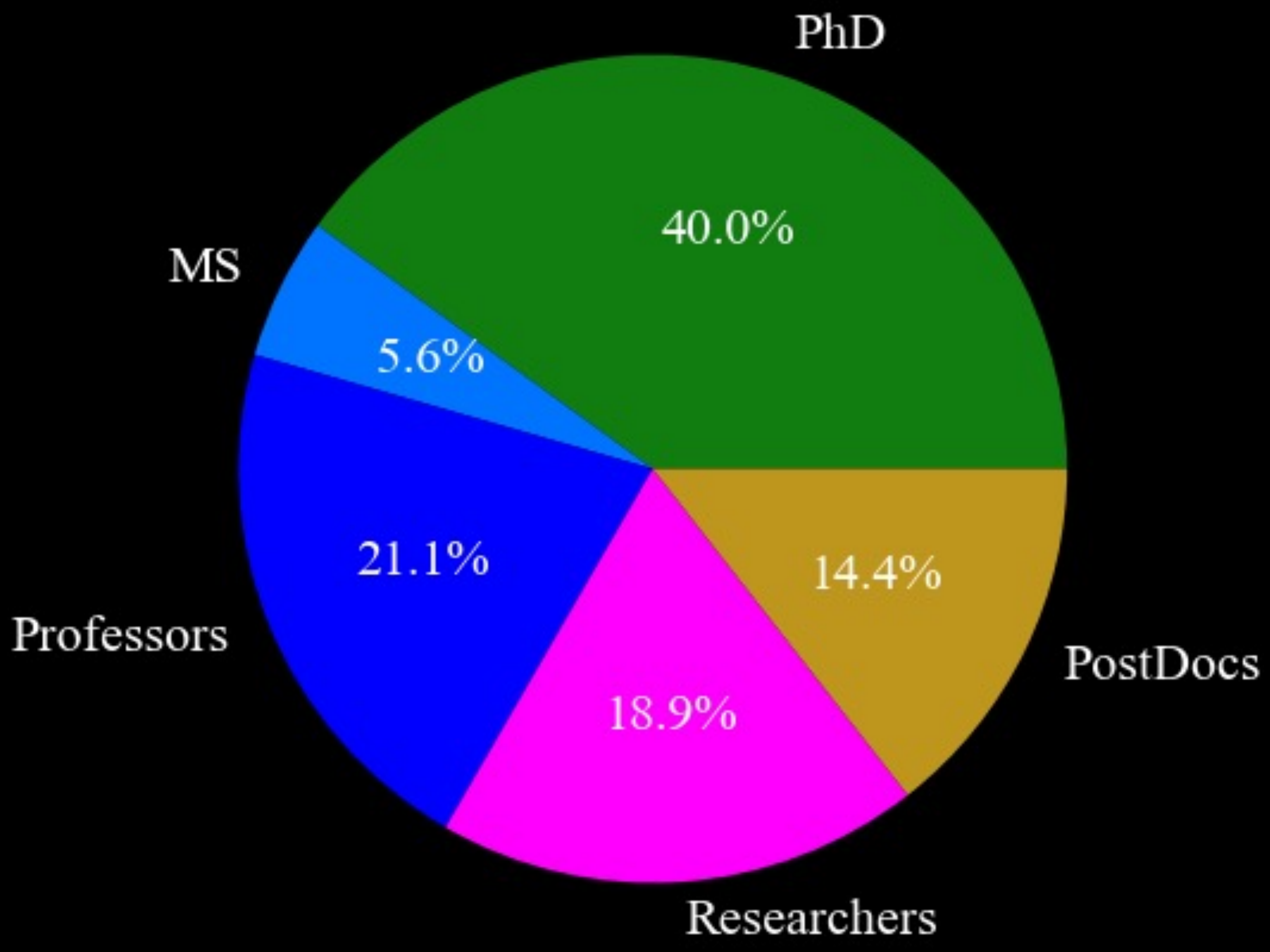


PORTUGAL	29
GERMANY	15
SPAIN	6
INDIA	5
UNITED KINGDOM	4
CANADA	4

POLAND	4
UNITED STATES	3
CHINA	3
HUNGARY	3
ITALY	3
NETHERLANDS	3

NORWAY	2
BULGARIA	1
IRAN	1
GREECE	1
FRANCE	1
CHILE	1
VENEZUELA	1

WHO ARE WE DEALING WITH?



Ph.D. students rock! ;)

POSTER SESSION & AWARD

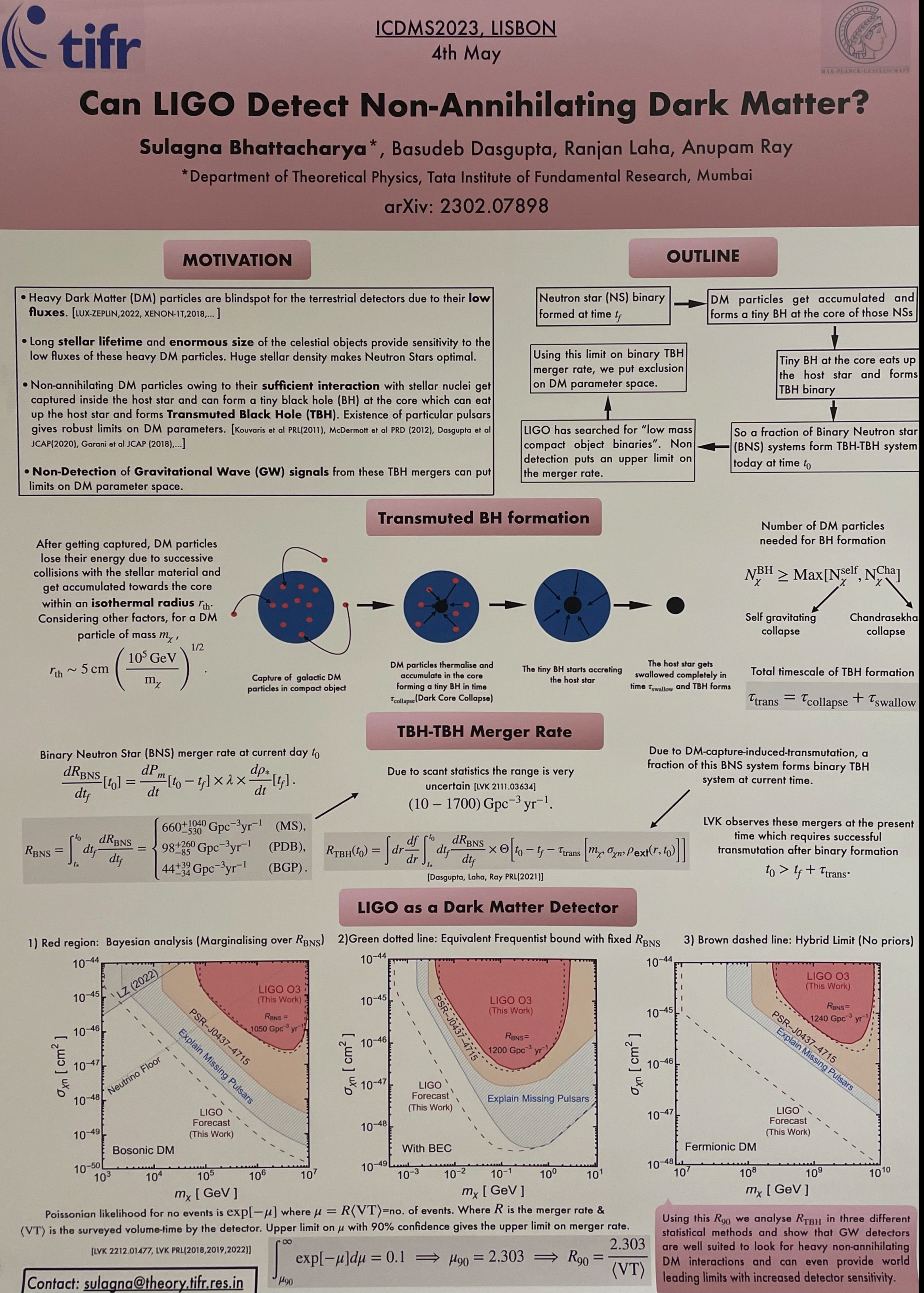
THANK TO ALL POSTER PRESENTERS

2 EQUAL POSTER AWARDS

THE PRIZES ARE SPONSORED BY THE JOURNAL PARTICLES BY MDPI

Violetta Sagun
CFisUC, University of Coimbra

A BIG THANK YOU
TO THE JURY MEMBERS



WINNER OF THE FIRST POSTER AWARD

SULAGNA BHATTACHARYA

(Tata Institute of Fundamental Research, Mumbai)

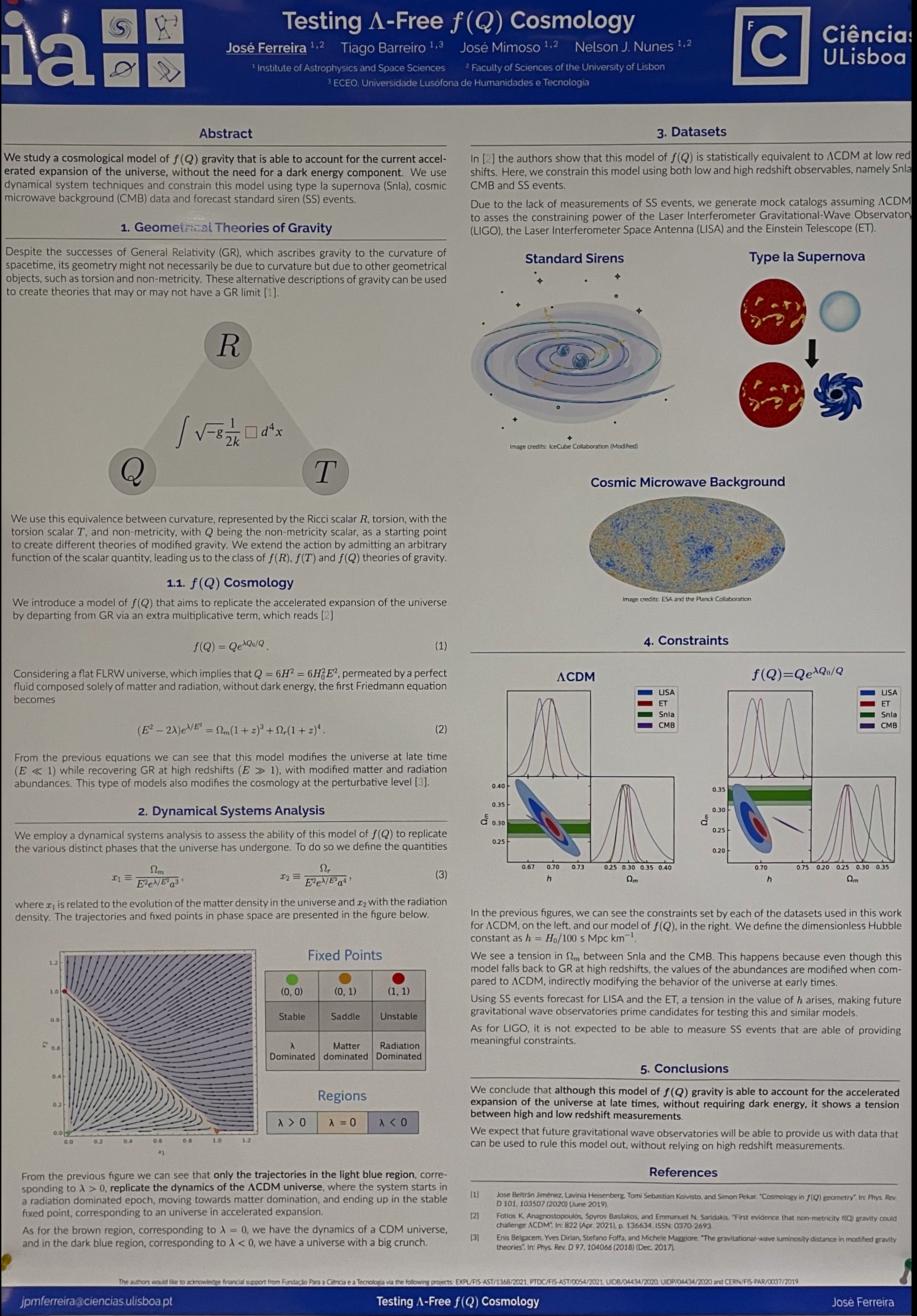
Poster Title:

Can LIGO Detect Non-Annihilating Dark Matter?

ICDMS2023

particles

an Open Access Journal by MDPI



WINNER OF THE SECOND POSTER AWARD

JOSE FERREIRA

(IA / FCUL)

Poster Title:

Test Lambda-Free f(Q) Cosmology

ICDMS2023

particles
an Open Access Journal by MDPI

RECORDED VIDEOS

CENTRA

THE YOUTUBE LINK WILL BE SHARED ON THE INDICO PAGE

indico.cern.ch/event/1194229

Laura Sagunski
Goethe University Frankfurt

SPECIAL ISSUE OF *PARTICLES*

Selected **papers from the conference** will be published in a Special Issue of *Particles* (MDPI peer-reviewed open-access journal)

Selected Papers from “Dark Matter and Stars: Multi-Messenger Probes of Dark Matter and Modified Gravity”

Unpublished original research work or review

Deadline for manuscript submissions: **31 October 2023**

ICDMS2023

Publication fee is waived

Open-access journal with full peer-review process

particles

an Open Access Journal by MDPI

Special Issue "Selected Papers from “Dark Matter and Stars: Multi-Messenger Probes of Dark Matter and Modified Gravity”"

- Special Issue Editors
- Special Issue Information
- Published Papers

A special issue of *Particles* (ISSN 2571-712X).

Deadline for manuscript submissions: **31 October 2023** | Viewed by 96

Share This Special Issue

Special Issue Editors

Prof. Dr. Ilídio Lopes E-Mail Website
Guest Editor
Institute Superior Técnico, University of Lisbon, Lisbon, Portugal
Interests: dark matter; stellar astrophysics; cosmology
Special Issues, Collections and Topics in MDPI journals

Dr. Violetta Sagun E-Mail Website
Guest Editor
Department of Physics, University of Coimbra, Coimbra, Portugal
Interests: compact stars; dark matter; nuclear physics

Prof. Dr. Laura Sagunski E-Mail Website
Guest Editor
Institute for Theoretical Physics, Goethe University, Frankfurt, Germany
Interests: gravitational waves; dark matter; cosmology

SPECIAL ISSUE OF PARTICLES

particles
an Open Access Journal by MDPI

https://www.mdpi.com/journal/particles/special_issues/E1MQU1X51H


ICDMS2023

ORGANISING COMMITTEE

Ilídio Lopes
(Co-chair, IST, University of Lisbon)

Violetta Sagun
(Co-chair, CFisUC, University of Coimbra)

Laura Sagunski
(Co-chair, Goethe University Frankfurt)

Ana Brito
(IST, University of Lisbon
Instituto Superior de Gestão)

Marco Calzà
(University of Coimbra)

Edoardo Giangrandi
(University of Coimbra
University of Potsdam)

José Sande Lemos
(IST, University of Lisbon)

Grigorios Panotopoulos
(Frontera University)

Joseph Silk
(Johns Hopkins University
Oxford University
Paris, Institute of Astrophysics)

NEXT EDITION OF THE CONFERENCE

2025

TRY TO GUESS WHERE
COMMENT ON OUR SLACK CHANNEL ;)

Hint: not in Europe, next to a lake

SEE YOU SOON
HAVE A SAFE TRAVEL