Yashar Akrami

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INSPIRE: http://inspirehep.net/author/profile/Y.Akrami.2

EDUCATION

PhD in Theoretical Physics (Cosmology and Astroparticle Physics)

June 23, 2011

The Oskar Klein Centre for Cosmoparticle Physics, Department of Physics, Stockholm University, Sweden.

Thesis title: Supersymmetry vis-à-vis observation: dark matter constraints, global fits and statistical issues.

PhL (Fil. Lic.) in Theoretical Physics (Cosmology and Astroparticle Physics) February 26, 2010

The Oskar Klein Centre for Cosmoparticle Physics, Department of Physics, Stockholm University, Sweden.

Thesis title: Weak-scale supersymmetry: parameter space, complexity and global fits.

Masters in Physics (Cosmology)

January 18, 2006

Department of Physics, Sharif University of Technology, Tehran, Iran.

Thesis title: Primordial perturbations as an observational probe of inflation; completed at the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, India.

Bachelors in Electrical Engineering (Control and Telecommunication)

September 21, 2003

Department of Electrical Engineering, Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran.

High school September 21, 1998

National Organization for Development of Exceptional Talents (NODET), Iran.

PROFESSIONAL EXPERIENCE

Assistant Research Professor of Theoretical Physics

(Ramón y Cajal Fellow)

September 1, 2022 - present

Institute for Theoretical Physics (IFT) UAM-CSIC, Spain.

Adjunct Assistant Professor of Physics

October 1, 2022 - present

Department of Physics, Case Western Reserve University, USA.

Long-Term Visiting Researcher

November 1, 2021 - present

Department of Physics, Imperial College London, UK.

Richard Morrison Postdoctoral Fellow in Cosmology

October 1, 2021 - August 31, 2022

Department of Physics, Case Western Reserve University, USA.

Junior Research Chair in Theoretical Cosmology

October 1, 2018 - September 30, 2021

International Center for Fundamental Physics (ICFP), École Normale Supérieure (ENS), Paris, France.

Awarded as the 2018 laureate of the prestigious ENS-ICFP Junior Research Chair program.

Senior Postdoctoral Research Fellow in Cosmology

August 1, 2016 - July 31, 2018

Lorentz Institute for Theoretical Physics, Leiden University, The Netherlands.

Postdoctoral Research Fellow in Cosmology

November 5, 2014 - July 31, 2016

Institute for Theoretical Physics (ITP), Heidelberg University, Germany.

DFG-funded project TRR33 "The Dark Universe".

Postdoctoral Research Fellow in Cosmology

August 1, 2011 - November 4, 2014

Institute of Theoretical Astrophysics (ITA), University of Oslo, Norway.

ERC-funded project "The Anisotropic Universe: A Reality or Fluke?".

- Large-scale collaborations:
 - Founder and member of **COMPACT** (Collaboration for Observations, Models and Predictions of Anomalies and Cosmic Topology); 10.2022 present
 - Member of the European COST Action CosmoVerse; 11.2022 present
 - Member of ESA's Euclid Consortium (active mainly in Theory Working Group); 01.2012 present
 - Leader of Euclid's Work Package on initial conditions (early Universe); 11.2018 present
 - Coordinator of Euclid's Theory Working Group's Key Project "Forecasts for beyond-standard models in cosmology and fundamental physics"; 03.2021 present
 - Member of the Euclid Consortium Diversity Committee (ECDC); 06.2018 08.2021
 - Member of the LiteBIRD Collaboration; 07.2019 present
 - Member of the SKA Observatory (SKAO) (Cosmology SWG); 01.2015 present
 - Member of the proposing team for CMB-HD; 01.2019 present
 - LFI Core Team Member of ESA's Planck Collaboration; 06.2013 09.2020
 - ullet Member of the **Aquila** Consortium for Bayesian Large-Scale Structure Inference; 10.2018 present
 - Member of the European COST Action "Cosmology and Astrophysics Network for Theoretical Advances and Training Actions (CANTATA)"; 08.2016 - 09.2021
 - Affiliated member of the NASA's Fermi Large Area Telescope (LAT); 2008 2011
- Member of organizing committees for:
 - COSMO'23; Instituto de Física Teórica (IFT, CSIC-UAM), Madrid, Spain, Sep. 2023
 - 2nd Electronic Conference on Universe; online conference, Feb. 2023
 - A Cosmic Window to Fundamental Physics: Primordial Non-Gaussianity and Beyond; Instituto de Física Teórica (IFT, CSIC-UAM), Madrid, Spain, Sep. 2022
 - Cosmology at the Crossroads; online conference, Feb. 2021
 - SKA Cosmology SWG Meeting; École Normale Supérieure, Paris, France, Jan. 2020
 - GOLD: The Golden Cosmological Surveys Decade; Paris-Saclay, France, Apr.-Jun. 2020
 - Paris Primordial Cosmology Meetings (3 per year); Paris, France, started in 2019
 - 9th and 10th TRR33 Winter School on Cosmology; Passo del Tonale, Italy, Dec. 2015 and 2016
 - Tehran Conference on Modified Gravity; Tehran, Iran, Jan. 2016
 - Heidelberg-Geneva Workshop on Cosmology: Gravity at the Largest Scales; Heidelberg, Germany, Oct. 2015
 - ITP Local Interactions 2015: Gravity Beyond Einstein; Heidelberg, Germany, May 2015
 - \bullet International Conference on Beyond ACDM; Oslo, Norway, Jan. 2015
 - Dark Matter Meeting; Oslo, Norway, Oct. 2011
 - OKC Workshop on Supersymmetry (PROSPECTS); Stockholm, Sweden, Sep. 2010
- Associate member of the Committee on Space Research (COSPAR); 2014 present
- Organizer of IFT Seminars and Colloquia, 2023 present, Madrid, Spain
- Organizer of ENS Cosmology Journal Club, 2018 2021, Paris, France
- Organizer of Leiden Cosmology Seminars, 2016 2018, Leiden, The Netherlands
- Organizer of ITP Cosmology Seminars, 2015 2016, Heidelberg, Germany
- Editorial Board of "Universe" (Cosmology Section)
- Guest Editor for Special Issue "Late Time Universe: Cosmic Acceleration", "Universe"
- Referee for international journals:
 - Nature Astronomy
 - Physical Review D
 - Physical Review Letters
 - Physics Letters B
 - Journal of Cosmology and Astroparticle Physics (JCAP)
 - Journal of High Energy Physics (JHEP)
 - Monthly Notices of the Royal Astronomical Society
 - Classical and Quantum Gravity (CQG)
 - Physics of the Dark Universe
 - Universe
 - General Relativity and Gravitation (GERG)
 - European Physical Journal C
 - Reports on Progress in Physics
 - European Journal of Physics
 - Journal of Physics G
 - Astrophysics and Space Science

- Other duties and memberships:
 - Management Committee Member (representative of the Netherlands) for the European COST Action CAN-TATA; 2016 - 2018
 - PhD dissertation committees and PhD/postdoc selection panels (IFT/Spain, CWRU/USA, ITA/Norway, IAP/France, ENS/France, Leiden/Netherlands)
 - Evaluation of grant applications for COST (European Cooperation in Science and Technology), Academy of Finland, Estonian Research Council, and Chilean Research Council
 - European Physical Society; 2010 present
 - Swedish Physical Society (2010 2014) and Swedish Association of University Teachers (2010-2012)

ACADEMIC AND RESEARCH INTERESTS

- Searching for new physics beyond the standard model of cosmology
- Cosmic anomalies and observational tensions
- Models of early Universe and late-time cosmic acceleration
- Cosmological tests of gravity
- Searching for the topology of the Universe
- Implications of cosmology for fundamental theories
- Cosmological data analysis (cosmic microwave background, large-scale structure, gravitational waves)
- Statistical inference and high-performance computing in cosmology and fundamental physics
- Artificial intelligence in cosmology and fundamental physics

FELLOWSHIPS, GRANTS, AWARDS AND PRIZES

- Talent Attraction Grant; Spanish National Research Council (CSIC)
- Ramón y Cajal Fellowship; Spanish Research Agency (AEI) (1st in CSIC ranking)
- NASA Astrophysics Theory Program Grant; "Searching for the Topology of the Universe"
- Richard Morrison Fellowship; Case Western Reserve University, USA
- Junior Research Chair Fellowship; Awarded by Ministry of Higher Education and Research, France; Host institution: École Normale Supérieure (ENS), France
- Instituut-Lorentz/Leiden Postdoctoral Fellowship; Funded by Netherlands Organization for Scientific Research (NWO), The Netherlands
- EPS Giuseppe & Vanna Cocconi Prize (awarded to Planck team)
- Gruber Cosmology Prize (awarded to Planck team)
- ITP/Heidelberg Postdoctoral Fellowship; Funded by German Research Foundation (DFG) to contribute to project TRR33 "The Dark Universe", Germany
- ITA/Oslo Postdoctoral Fellowship; Funded by European Research Council (ERC) to contribute to project "The Anisotropic Universe: A Reality or Fluke?", Norway
- Helge Axelsson Johnson Foundation Award, Sweden
- HEAC Doctoral Fellowship, AlbaNova University Centre, Sweden
- Winner of International Physics and Mathematics Olympiads, country level, 1997/1998

TEACHING EXPERIENCE/DUTIES

- Institute for Theoretical Physics (IFT) UAM-CSIC:
 - Gravitation [autumn 2023]
- École Normale Supérieure (ENS) [2018-2021]:
 - Cosmology [autumn/winter 2020/2021]
 - General Relativity [autumn 2020]
 - Introduction to Astrophysics [autumn 2020]
 - Cosmology [autumn/winter 2019/2020]
 - General Relativity [autumn/winter 2018/2019]
- Leiden University [2016-2018]:
 - Topics in Theoretical Physics (Cosmology) [spring 2018]

- Heidelberg University [2014-2016]:
 - General Relativity [spring/summer 2016]
 - Quantum Field Theory [winter 2015/2016]
 - Advanced Cosmology [spring/summer 2015]
 - General Relativity [spring/summer 2015]
 - Linear Perturbations and the CMB [spring/summer 2015]
- Stockholm University [2006-2011]:
 - General Relativity [spring 2010]
 - Advanced Relativistic Quantum Field Theory [autumn 2009]
 - Relativistic Quantum Mechanics [spring 2009]
 - Quantum Mechanics III [autumns 2008, 2009, and 2010]
- Sharif University of Technology [2003-2006]:
 - Advanced Cosmology
 - Advanced Electrodynamics
 - Advanced Classical Mechanics
 - Physics Lab. I and II
- Tehran Polytechnic [1998-2003]: Electromagnetism, Analytical Mechanics, Electrical Measurements and Circuits Lab.
- LION Summer School: Modern physics at all scales (invited lecturer) [July 2018], Leiden University.
- Dark Energy and Modified Gravity (intensive course; invited lecturer) [August 2017], Tehran Meeting on Cosmology, Iran.
- LION Summer School: Modern physics at all scales (invited lecturer) [July 2017], Leiden University.
- Cosmology Beyond the Standard Model (intensive 4-day course; invited lecturer) [December 2016], Tehran, Iran.
- Nordic-Baltic Summer School (invited lecturer) [summer 2012], Onsala, Sweden.

SUPERVISION EXPERIENCE

- PhD advisor: Nicolas Chartier; École Normale Supérieure (ENS), 2019-2022. Title: "Understanding cosmic origins from galaxy surveys with Likelihood-Free Inference". Co-supervisors: Benjamin Wandelt (IAP) and Nick Kaiser (ENS). Funding provided by ENS as part of starting grant for my JRC position.
- Supervisor (MSc, M2 project): Senwen Deng; École Normale Supérieure, 2021.
- Supervisor (MSc, M1 project): Sharon David; Sorbonne Université, 2021.
- Supervisor (MSc): Romane Cologni; École Normale Supérieure, 2020-2021.
- Supervisor (MSc): Anna Negro; Erasmus student at École Normale Supérieure from University of Padova, Italy, 2020. Co-supervisor: Sabino Matarrese (Padova).
- Supervisor (MSc): William Doumerg; École Normale Supérieure, 2019/2020.
- Supervisor (MSc, M2 project): Senwen Deng; École Normale Supérieure, 2019.
- Co-supervisor (PhD): Valeri Vardanyan; Leiden University, 2016-2019.
- Co-supervisor (MSc): Michalis Dagtzis; Leiden University, 2018.
- Supervisor (MSc): Jamie Watson; Leiden University, 2017.
- Co-supervisor (summer project): Roohi Dalal (from JPL/Caltech, US); Leiden University, 2017.
- Co-supervisor (MSc): Vida Saeidzadeh, Andia Khosravi, Fereshteh Majidi, Sara Hoseini and Romina Fassihi; Alzahra University, 2016-2018.
- De facto supervisor (PhD): Henrik Nersisyan; Heidelberg University (adviser: Luca Amendola), 2014-2016.
- Co-supervisor (PhD): Frank Könnig; Heidelberg University (adviser: Luca Amendola), 2014-2016.
- De facto supervisor (MSc): Marvin Lüben; Heidelberg University, 2015.
- De facto supervisor (MSc): Supranta Sarma Boruah; Indian Institute of Technology, Kanpur, 2015.
- Supervision elements for Adam R. Solomon's PhD; University of Cambridge (adviser: John D. Barrow), 2013-2015.
- De facto supervisor (PhD): Marit Sandstad; University of Oslo (adviser: David Mota), 2011-2014.

SELECTED RESEARCH VISITS

- Imperial College London, UK [December 2022 January 2023]
- Imperial College London, UK [October November 2022]
- University of Michigan, USA [August 2022]
- Princeton University, USA [August 2022]
- Imperial College London, UK [May July 2022]
- Imperial College London, UK [November 2021 April 2022]
- Institute of Physics of Cantabria (IFCA), Spain [September 2021]
- Jodrell Bank Centre for Astrophysics, Department of Physics and Astronomy, University of Manchester, UK [February 2020]
- Lorentz Institute for Theoretical Physics, Leiden University, The Netherlands [September 2019]
- Imperial College London, UK [May 2019]
- Queen Mary University of London, UK [May 2019]
- Institute of Cosmology and Gravitation University of Portsmouth, UK [May 2019]
- King's College London, UK [May 2019]
- University of Nottingham, UK [April 2018]
- Institut de Physique Théorique, CEA Saclay, Paris, France [September 2017]
- Institute for Research in Fundamental Sciences (IPM), Iran [November-December 2016 and August 2017]
- The Oskar Klein Centre for Cosmoparticle Physics, Stockholm University, Sweden [September 2016]
- University of Geneva, Switzerland [November 2015]
- Bielefeld University, Germany [July 2015]
- Nordic Institute for Theoretical Physics (NORDITA), Sweden [March and August 2015]
- Lund University, Sweden [June 2015]
- DAMTP, University of Cambridge, UK [June 2014]
- ITP, Heidelberg University, Germany [May 2014]
- DAMTP, University of Cambridge, UK [April 2014]
- California Institute of Technology (Caltech) and NASA Jet Propulsion Laboratory (JPL), USA [November and December 2013]
- Asia Pacific Center for Theoretical Physics (APCTP), South Korea [June 2013]
- California Institute of Technology (Caltech) and NASA Jet Propulsion Laboratory (JPL), USA [November and December 2012]
- University of Oxford, UK [April June 2012]
- Inter-University Centre for Astronomy and Astrophysics (IUCAA), India [summer and autumn 2005]
- Inter-University Centre for Astronomy and Astrophysics (IUCAA), India [summer and autumn 2004]

SELECTED SCHOOLS/CONFERENCES/MEETINGS (mainly as speaker/organizer except for early schools)

2022:

- Euclid Theory Working Group Meeting 2022, Bologna, Italy
- A Cosmic Window to Fundamental Physics: Primordial Non-Gaussianity and Beyond, Instituto de Física Teórica (IFT, CSIC-UAM), Madrid, Spain
- Workshop on Tensions in Cosmology, Corfu, Greece

• <u>2021</u>:

- Euclid Theory Working Group Meeting 2021, Online
- From Quarks to Cosmos with AI, Online
- Roman Information Sessions, Online
- Cosmology from Home 2021, Online
- PASCOS 2021, Online
- Growth of Structure Summer Seminar Series, Online
- Euclid Consortium Meeting 2021, Online
- Cosmology at the Crossroads, **Online**

2020:

- BeyondPlanck Release Conference, Online

- ESO Conference: "Assessing Uncertainties in Hubble's Constant Across the Universe", Online
- LiteBIRD France, Online
- Euclid Theory Working Group Meeting 2020, Online
- Euclid Consortium Meeting 2020, Online

• 2019:

- B-mode from Space, Max-Planck-Institut für Astrophysik, Garching, Germany
- CoSyne: Cosmological synergies in the upcoming decade, Institut d'Astrophysique de Paris (IAP), Paris, France
- French Dark Energy Theory Meeting, Institut Henri Poincaré, Paris, France
- Aquila Consortium meeting, Imperial College London, UK
- ENS team-building meeting, Roscoff, France
- The Paris-Saclay AstroParticle Symposium 2019, Institut Pascal, France
- Paris-Amsterdam-London-Stockholm 9th meeting (PALS) 2019, Sorbonne University, Paris, France
- Understanding cosmological observations, Benasque, Spain
- Particle physics, String theory and Cosmology (PASCOS) 2019, University of Manchester, UK
- Gordon Research Conference (GRC) on String Theory and Cosmology: New Physics in the Era of Precision Cosmology, Barcelona, Spain
- Gordon Research Seminar (GRS) on String Theory and Cosmology: Accelerating Expansion and Cosmological Evolution in String Theory, Barcelona, Spain
- Inflation and Geometry, Institut d'Astrophysique de Paris (IAP), Paris, France
- Euclid Consortium Meeting 2019, Helsinki, Finland
- Planck NPIPE meeting, Institut d'Astrophysique de Paris (IAP), Paris, France
- Euclid Theory Working Group Meeting 2019, University of Oxford, UK
- Cosmology@Malta, Fort St Elmo, Valletta, Malta

• **2018**:

- SKA-France meeting, École Normale Supérieure (ENS), Paris, France
- Aquila Consortium meeting, Institut d'Astrophysique de Paris (IAP), Paris, France
- Machine Learning @IHP, Institut Henri Poincaré, Paris, France
- Analytics, Inference, and Computation in Cosmology, Institut Henri Poincaré, Paris, France
- The vacuum of the Universe 2018: from cosmology to particle physics CMB Anomalies and Tensions, Institute of Cosmos Sciences (ICCUB), Barcelona, **Spain**
- Euclid Theory Working Group Meeting 2018, Institut Henri Poincaré, Paris, France
- Euclid Theory Work Package I (Cosmic Acceleration and Tests of Gravity) Meeting, University of Lisbon, Portugal
- Physics@Veldhoven, Veldhoven, The Netherlands

2017:

- Square Kilometre Array (SKA) Cosmology Science Working Group meeting, Queen Mary University of London, \mathbf{UK}
- 2nd CANTATA Meeting, Frankfurt Institute for Advanced Studies, Germany
- Dark Energy in the Laboratory, Leiden, The Netherlands
- Dark Energy and Modified-Gravity cosmologies: DARKMOD, CEA Saclay, Paris, France
- Tehran Meeting on Cosmology, IPM, Iran
- Advances in Theoretical Cosmology in Light of Data, NORDITA, Sweden
- Theoretical Approaches to Cosmic Acceleration: Connecting String, Supergravity and Quantum Field Theory Aspects of (Near-) De Sitter Space, Leiden, **The Netherlands**
- Euclid Theory Working Group Meeting 2017, Heidelberg, Germany
- Physics@Veldhoven, Veldhoven, The Netherlands

• **2016**:

- 10th TRR33 Winter School on Cosmology (as organizer), Passo del Tonale, Italy
- 1st CANTATA Meeting, Lisbon, Portugal
- 8th Bethe Center Workshop: Particle Physics meets Cosmology, Bad Honnef, Germany
- SW10: Hot topics in Modern Cosmology, Cargese, Corsica, France
- Theoretical Cosmology in the Era of Large Surveys, Galileo Galilei Institute, Florence, Italy

• 2015:

- 9th TRR33 Winter School on Cosmology (as organizer), Passo del Tonale, Italy
- Planck I&S and CP Meeting, Torun, Poland
- Workshop on Particles and Cosmology, Corfu, Greece
- Euclid Consortium Meeting 2015, EPFL, Switzerland
- Kosmologietag 10, Bielefeld University, Germany
- Extended Theories of Gravity, NORDITA, Sweden
- Beyond ΛCDM, Oslo, **Norway**

• **2014**:

- PLANCK 2014, Ferrara, Italy
- Dark Energy Interactions, NORDITA, Sweden
- Planck Joint LFI/HFI meetings, Bologna, Italy and Paris, France
- NBIA-APCTP Workshop on Cosmology, Copenhagen, Denmark
- COSPAR Scientific Assembly, Moscow, Russia
- Planck I&S Meeting, Torun, Poland
- Euclid Consortium Meeting, Marseille, France
- Structure of Gravity and Spacetime, University of Oxford, UK

• **2013**:

- COSMO 2013, University of Cambridge, UK
- Prospects of Studying Dark Energy, Seoul, South Korea
- IEU Cosmology Conference, Seoul, South Korea
- Euclid Consortium Meeting, Leiden, Netherlands
- The Universe as seen by Planck, ESA/ESTEC, The Netherlands
- Cosmological Tests of Gravity, University of Oxford, UK

• 2012:

- Modern Cosmology: Early Universe, CMB and LSS, Benasque, Spain
- Marcel Grossmann Meeting, Stockholm, Sweden
- Recontres Itzykson Heart of Darkness: Dark Energy and Modified Gravity, IPhT CEA-Saclay, France
- Nordic-Baltic Summer School (as lecturer), Onsala, Sweden
- Euclid Consortium Meeting, Copenhagen, Denmark

• 2011:

- The Return of de Sitter, NORDITA, Sweden
- Global BSM Fits and LHC Data, CERN, Switzerland/France

• 2010

- Darkness Visible, University of Cambridge, UK
- Quarks, Strings and the Cosmos, Stockholm, Sweden
- Experimental Search for Quantum Gravity, NORDITA, Sweden
- TOOLS~2010, Winchester, \mathbf{UK}
- Cosmic Ray Backgrounds in Dark Matter Searches, Stockholm, Sweden

• 2009:

- TeV Particle Astrophysics V, SLAC/Stanford, USA
- Astroparticle Physics: A Pathfinder to New Physics, NORDITA, Sweden

• 2008:

- Biennial Leopoldina Conference on Dark Energy, Munich, Germany
- Identification of Dark Matter, Stockholm, Sweden
- Summer School on de Sitter Cosmology, NORDITA, Sweden
- TeV Scale Physics and Dark Matter, NORDITA, Sweden
- Symmetries and Phases in Universe, Munich, Germany
- LHC and Beyond, NORDITA, Sweden

• 2007:

- Dark Matter, from the Cosmos to the Laboratory, SLAC/Stanford, ${\bf USA}$
- Cosmology, Strings, and Phenomenology, Stockholm, Sweden
- Winter School in Particle Physics and Cosmology, Gausdal, Norway

• <u>2006</u>:

- School on Inflation and String Cosmology, Aurhus, Denmark

COMPUTER SKILLS

• Programming languages: Fortran, C, Python, IDL • Computational software: Mathematica, Maple, MATLAB • High performance and parallel computing: MPI, OpenMP • Cosmological codes and packages: CAMB, CosmoMC, CLASS, Monte Python, Cobaya, HEALPix, Commander, EFTCAMB, EFTCosmoMC, CosmicFish, hi_class • Extensive experience in working with supercomputers, computer clusters, and large data sets

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COURSES TAKEN DURING PHD

• General Relativity Theory with Cosmology • Cosmology and Astroparticle Physics • Relativistic Quantum Mechanics • Quantum Field Theory • Theory of Supersymmetry • Applications of Supersymmetry • String Theory • Grand Unified Theories • Statistical Methods in Physics • Statistical Physics • Radiation Processes in Astrophysics • High Energy Astrophysics • University Pedagogy.

PERSONAL INFORMATION

• Language: Persian (mother tongue), English (fluent), Norwegian (fair), Swedish (sufficient) • Hobbies: dancing, playing violin, music (classical, Persian traditional), fencing, traveling, hiking, reading (literature, philosophy, politics), movies.

REFERENCES

Prof. Andrei Linde, Stanford University, USA, +1 650 723-2687 and +1 650 494-6106, alinde@stanford.edu

Prof. Renata Kallosh, Stanford University, USA, +1 650 725-4736, kallosh@stanford.edu

Prof. Glenn Starkman, Case Western Reserve University, USA, +1 216 368-3660, glenn.starkman@case.edu

Prof. Andrew Jaffe, Imperial College London, UK, +44 (0)20 7594 7526, a.jaffe@imperial.ac.uk

Prof. Nicholas Kaiser, ENS, France, +33 (0)1 44 32 33 67, nick.kaiser@ens.fr

Prof. Luca Amendola, ITP Heidelberg, Germany, +49 6221 54-9407, l.amendola@thphys.uni-heidelberg.de

Prof. Arthur Kosowsky, University of Pittsburgh, USA, +1 412 624-9000, kosowsky@pitt.edu

Prof. Anne-Christine Davis, DAMTP, University of Cambridge, UK, +44 1223 337878, acd@damtp.cam.ac.uk

Prof. Benjamin D. Wandelt, IAP, France, +33 (0)1 44 32 81 43, bwandelt@iap.fr

Prof. Martin A. Bucher, CNRS/APC, France, +33 (0)1 57 27 69 43, bucher@apc.univ-paris7.fr

Prof. David F. Mota, ITA Oslo, Norway, +47 22 85 75 81, d.f.mota@astro.uio.no

Dr. Alessandra Silvestri, Instituut Lorentz, The Netherlands, +31 71 5275540, silvestri@lorentz.leidenuniv.nl

Prof. Joseph Silk, IAP, France, +33 (0)1 44 32 80 54, silk@iap.fr

Prof. Edvard Mörtsell, OKC Stockholm, Sweden, +46 8 5537 8535, edvard@fysik.su.se

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Prof. Misao Sasaki, Kavli IPMU, University of Tokyo, Japan, +81 (0)4-7136-6508, misao.sasaki@ipmu.jp

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Prof. Frode Kristian Hansen, ITA Oslo, Norway, +47 22 85 65 16, f.k.hansen@astro.uio.no

Prof. Anthony Banday, IRAP Toulouse, France, +33 (0)5 61 55 77 78, anthony.banday@irap.omp.eu

Prof. Krzysztof M. Gorski, JPL/Caltech, USA, +1 818 393 5931, krzysztof.m.gorski@jpl.nasa.gov