

# UniVersum IV

Trento, 1<sup>st</sup> – 3<sup>rd</sup> February 2023

## Programme

Day 1: [Kessler Room, Department of Sociology and Social Research, via Verdi 26]

|              |  |   |
|--------------|--|---|
| 13:30        | Informal registration and lunch        |   |
| 14:00        | <b>Welcome and opening remarks</b>     | Steering committee  |
| 14:15        | <b>Talk session 1a</b><br>(12 + 3 min) | <b>Speakers:</b><br>Giacomo Galloni<br>Chiara Cecchini<br>Jasbir Singh  |
| 15:00        | <b>The UniVersum bulletin</b>          | <b>Conveners:</b><br>Giovanni Andrea Prodi (Trento U.)<br>Andrea Merloni (MPE Garching)   |
| <b>16:00</b> | <b>Coffee break</b>                    |   |
| 16:30        | <b>Talk session 1b</b><br>(12 + 3 min) | <b>Speakers:</b><br>Sebastian Grandis<br>Alessandra Fumagalli<br>Stefano Etori<br>Tiago Castro<br>Tommaso Ronconi<br>Andrea Ravenni<br>Mohamed Yousry Elkashab<br>Marco Bortolami |
| 18:30        | End of 1 <sup>st</sup> day             |   |

Day 2: [Kessler Room]

|       |                                       |   |
|-------|---------------------------------------|---|
| 09:00 | <b>Talk session 2a</b><br>(12+ 3 min) | <b>Speakers:</b><br>Alessandro Longo<br>Lorenzo Amati<br>Niccolo` Raffuzzi<br>Gabriele Perna<br>Javier Carron Duque |
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|-------|---|--|
|       |   | Gabriel Jung<br>Chiara Moretti<br>Titouan Lazeiras   |
| 11:00 | Coffee break  |  |
| 11:30 | <b>Discussion</b><br><i>Concordance vs tensions</i>               | <b>Conveners:</b><br>Marco Raveri (Genova U.)<br>Paola Santini (INAF OAR)  |
| 12:30 | <b>Talk session 2b</b><br>(12 + 3 min)                            | <b>Speakers:</b><br>Gen Ye<br>Simony Santos Da Costa<br>Arianna Favale<br>Giulia Piccirilli  |
| 13:30 | Lunch   |  |
| 15:00 | <b>Invited Talks</b><br><i>Modified gravity &amp; dark energy</i> | <b>Speakers:</b><br>Luigi Pilo (L'Aquila U.)<br>Sunny Vagnozzi (Trento U.)   |
| 16:00 | Coffee break  |  |
| 16:30 | <b>Talk session 2c</b><br>(12 + 3 min)                            | <b>Speakers:</b><br>Francesco Pace<br>Stefano Anselmi<br>Bianca De Caro<br>Viviana Cuozzo<br>Sladana Radinovic<br>Giovanni Verza<br>Stefano Arcari |
| 18:15 | Feedback from participants,<br>proposals for UniVersum 2024       | Steering Committee   |
| 18:40 | End of 2 <sup>nd</sup> day & Social dinner                        |  |

Day 3: **Focus day on BIG DATA & STATISTICAL TECHNIQUES** [Kessler Room]

|              |  |   |
|--------------|--|---|
| 9:00         | <b>Talk session 3a</b>   | Daive Sciotti<br>Sofia Contarini  |
| 09:30        | <b>The UniVersum bulletin</b><br><i>continued</i>  | <b>Speaker:</b><br>Luciano Rezzolla<br>(ITP-Goethe Frankfurt)   |
| 10:00        | <b>Focus day</b><br><i>Big data and statistical techniques</i>   | <b>Speaker:</b><br>Ben Metcalf (Bologna U.)   |
| <b>10:30</b> | <b>Coffee break</b>  |   |
| 11:00        |  | <b>Speakers:</b><br>Nicoletta Krachmalnicoff (SISSA)<br>Federico Marulli (Bologna U.)   |
| 12:00        | Discussion   |   |
| 12:30        | Lunch  |   |
| 14:00        | <b>Talk session 3b</b><br>(12 + 3 min)   | <b>Speakers:</b><br>Laura Leuzzi<br>Marina Silvia Cagliari<br>Alessandro Renzi<br>Fulvio Ferlito<br>Enrico Garaldi<br>Gabriele Parimbelli<br>Jacopo Salvalaggio |
| 16:00        | <b>Final discussion</b>  | Steering Committee  |
| 16:30        | End of Meeting   |   |
|              |  |   |
| 18:00        | <b>Evening public outreach event</b><br><b>“L’universo a due voci”</b><br><br>Moderator: Edwige Pezzulli<br>Conveners: Viviana Fafone, Luigi Guzzo, Luciano Rezzolla |   |