

# Solvay Workshop on 'The asymptotic structure of spacetime'

Brussels, 23 - 24 November 2020 (ULB - Solvay Room)

## MONDAY 23 NOVEMBER

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09:20 - 09:30	Welcome
09:30 - 10:30	Daniel Grumiller - <i>The asymptotic structure of lower-dimensional spacetimes</i>
<b>10:30 - 10:45</b>	<b>BREAK</b>
10:45 - 11:15	Luca Ciambelli - <i>TMG with Compere-Song-Strominger boundary conditions</i>
11:15 - 11:45	Javier Matulich - <i>Asymptotic symmetries at spatial infinity</i>
11:45 - 12:15	Sucheta Majumdar - <i>Asymptotic symmetries of linearized gravity</i>
<b>12:15 - 13:45</b>	<b>GROUP PHOTO AND LUNCH BREAK</b>
13:45 - 14:15	Adrien Fiorucci - <i>The <math>\Lambda</math>-BMS algebroid</i>
14:15 - 15:15	Marc Geiller - <i>Edge modes and corner symmetries</i>
<b>15:15 - 15:45</b>	Cédric Troessaert - <i>Boundary degrees of freedom and asymptotic symmetries</i>
<b>15:45 - 16:00</b>	<b>BREAK</b>
16:00 - 16:30	Francesco Alessio - <i>Modular invariance in Casimir effect</i>
16:30 - 17:00	Martin Bonte - <i>Gravitons in a Casimir box</i>
17:00 - 17:30	Andrea Campoleoni - <i>Higher Spin Extensions of the BMS group</i>
17:30 - 18:00	Roberto Tanzi - <i>Asymptotic symmetries of YM at spatial infinity</i>

## TUESDAY 24 NOVEMBER

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09:15 - 10:15	Andrea Puhm - <i>Celestial CFT</i>
10:15 - 10:45	Céline Zwikel - <i>Charges in three-dimensional Bondi gauge</i>
<b>10:45 - 11:00</b>	<b>BREAK</b>
11:00 - 11:30	Ali Seraj - <i>Flux-balance laws at null infinity</i>

- 11:30 - 12:00 Ankit Aggarwal - *Supertranslations in higher dimensions*
- 12:00 - 12:30 Romain Ruzziconi - *Coadjoint representation of the BMS group in four dimensions*
- 12:30 - 14:00 LUNCH BREAK**
- 14:00 - 14:30 Laura Donnay - *Asymptotic symmetries and celestial CFT*
- 14:30 - 15:30 Angelos Fotopoulos - *Celestial CFT and extended super-BMS algebra*
- 15:30 - 15:45 BREAK**
- 15:45 - 16:15 Turmoli Neogi - *Asymptotic realization of the super-BMS algebra at spatial infinity*
- 16:15 - 16:45 Oscar Fuentealba - *Asymptotic structure of the Rarita-Schwinger theory in 4D at spatial infinity*
- 16:45 - 17:15 Yannick Herfray - *Super-geometry of null-infinity and Super-Twistors*