



## Special Session 35 - "CR geometry and Partial Differential Equations"

Building: Economia

Room: Aula Magna 2

| Thursday, 10 September |                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 11:00 – 11:20          | Gustavo Hoepfner<br><i>Trace of ultradistributions and applications</i>                                                                         |
| 11:20 – 11:40          | Giuseppe Della Sala<br><i>Parametrization of automorphisms via stationary discs</i>                                                             |
| 11:40 – 12:00          | Stefan Fördös<br><i>Ultradifferentiable regularity of CR mappings</i>                                                                           |
| 12:00 – 12:20          | Luis Fernando Ragognette<br><i>Relation between different types of hypoellipticity</i>                                                          |
| 12:20 – 12:40          | Marco Mughetti<br><i>Regularity of sums of squares in two variables and Treves' conjecture</i>                                                  |
|                        |                                                                                                                                                 |
| 14:30 – 14:50          | Andreea Nicoara<br><i>Behaviour of the <math>q</math>-type under Biholomorphic Mappings</i>                                                     |
| 14:50 – 15:10          | Vinícius Novelli da Silva<br><i>Top-degree local solvability for <math>\overline{\partial}_b</math> on rigid hypersurfaces of complex space</i> |
| 15:10 – 15:30          | Nicholas Braun Rodrigues<br><i>Smooth and Gevrey Microlocal Hypoellipticity for a Class of Hypocomplex Tube Structures</i>                      |
| 15:30 – 15:50          | Gabriel Araujo<br><i>Solvability of nonsingular closed 1-forms on compact manifolds</i>                                                         |
| 15:50 – 16:10          | Loredana Lanzani<br><i>Herglotz for general domains</i>                                                                                         |