

# CIMPA SCHOOL MATHEMATICAL MODELS IN BIOLOGY AND RELATED APPLICATIONS OF PARTIAL DIFFERENTIAL EQUATIONS

|       | Monday, 9.6.                                          | Tuesday, 10.6.                                                                      | Wednesday, 11.6.                                       | Thursday, 12.6.                                         | Friday, 13.6.                                           |
|-------|-------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| 9:00  | Transport<br>Bouin (I)                                | Transport<br>Bouin (II)                                                             | Transport<br>Bouin (III)                               | Neurobiology<br>Caceres (III)                           | Transport<br>Bouin (IV)                                 |
| 10:30 | Coffee-break                                          | Coffee-break                                                                        | Coffee-break                                           | Coffee-break                                            | Coffee-break                                            |
| 11:00 | Neurobiology<br>Caceres (I)                           | Neurobiology<br>Caceres (II)                                                        | Mosquito<br>Estrada Hernández &<br>Alvarez Borges (II) | Mosquito<br>Estrada Hernández &<br>Alvarez Borges (III) | Neurobiology<br>Caceres (IV)                            |
| 12:30 | Lunch                                                 | Lunch                                                                               | Lunch                                                  | Lunch                                                   | Lunch                                                   |
| 14:00 | Mosquito<br>Estrada Hernández &<br>Alvarez Borges (I) | Garcia-Martinez<br>Hubert                                                           | TD: Transport<br>Fonte                                 | Lage Castellanos<br>Moyano                              | Mosquito<br>Estrada Hernández &<br>Alvarez Borges (III) |
| 15:30 | Coffee-break                                          | Coffee-break                                                                        | Coffee-break                                           | Coffee-break                                            | Coffee-break                                            |
| 16:00 | Open discussion /<br>Working groups                   | <b>Student presentations:</b><br>Nurdan Kar<br>Damon Jorge Rubio<br>Jefferson Prada | Open discussion /<br>Working groups                    | TD: Mosquito<br>Estrada Hernández &<br>Alvarez Borges   | TD: Neurobiology<br>Fonte                               |

|       | Monday, 16.6.                                                                                              | Tuesday, 17.6.                         | Wednesday, 18.6.                     | Thursday, 19.6.                           | Friday, 20.6.                               |
|-------|------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|-------------------------------------------|---------------------------------------------|
| 9:00  | Numerical Methods (I)<br>Peurichard                                                                        | Singular Limits<br>Hecht (I)           | Singular Limits<br>Hecht (II)        | Singular Limits<br>Hecht (III)            | Singular Limits<br>Hecht (IV)               |
| 10:30 | Coffee-break                                                                                               | Coffee-break                           | Coffee-break                         | Coffee-break                              | Coffee-break                                |
| 11:00 | Diffusion<br>Lam (I)                                                                                       | Diffusion<br>Lam (II)                  | Numerical Methods (II)<br>Peurichard | Numerical Methods (III)<br>Peurichard     | Numerical Methods (IV)<br>Peurichard        |
| 12:30 | Lunch                                                                                                      | Lunch                                  | Lunch                                | Lunch                                     | Lunch                                       |
| 14:00 | Hernandez Mederos<br><br>Mischler                                                                          | Soresina<br><br>Coville                | Trescases<br><br>Kanzler             | Diffusion<br>Lam (III)                    | Diffusion<br>Lam (IV)                       |
| 15:30 | Coffee-break                                                                                               | Coffee-break                           | Coffee-break                         | Coffee-break                              | Coffee-break                                |
| 16:00 | <b>Student presentations:</b><br>Loidel Barrera Rodriguez<br>Sofía Albizu-Campos<br>Camilo Medina González | TD: Diffusion<br><br>Estrada Hernández | Open discussion /<br>Working groups  | TD: Singular Limits<br><br>Alvarez Borges | TD: Numerical Methods<br><br>Alvarez Borges |