

# Updated Programme

| date              | session                                     | chair      | time  | activity                                                                                     | name                    |
|-------------------|---------------------------------------------|------------|-------|----------------------------------------------------------------------------------------------|-------------------------|
| 31/05<br>May 2026 |                                             |            |       |                                                                                              |                         |
|                   | Welcome and Introduction                    |            | 14:30 | Welcome and Introduction                                                                     | The Organizers          |
|                   | <b>Session 1:</b><br>Chromosome Segregation | Fukagawa   |       |                                                                                              |                         |
|                   |                                             |            | 15:00 | <b>Compartmentalizing the Genome: Mechanisms for Specializing Chromosomal Domains</b>        | <b>Aaron Straight</b>   |
|                   |                                             |            |       | <i>Discussion (10')</i>                                                                      |                         |
|                   |                                             |            | 15:25 | <b>Focusing in on centromeric chromatin</b>                                                  | <b>Ben Black</b>        |
|                   |                                             |            |       | <i>Discussion (10')</i>                                                                      |                         |
|                   |                                             |            | 15:50 | <b>Do nucleosomes hold the key to genomic stability?</b>                                     | <b>Jon Pines</b>        |
|                   |                                             |            |       | <i>Discussion (10')</i>                                                                      |                         |
|                   |                                             |            | 16:15 | <b>Molecular Determinants and Evolutionary Outcomes of Centromere-Targeted Transposition</b> | <b>Barbara Mellone</b>  |
|                   |                                             |            |       | <i>Discussion (10')</i>                                                                      |                         |
|                   |                                             |            | 16:40 | Selected talk from abstracts                                                                 |                         |
|                   |                                             |            |       | <i>Discussion (5')</i>                                                                       |                         |
|                   |                                             |            | 16:55 | Selected talk from abstracts                                                                 |                         |
|                   |                                             |            |       | <i>Discussion (5')</i>                                                                       |                         |
|                   |                                             |            | 17.10 | Coffee Breaks                                                                                |                         |
|                   | <b>Keynote speaker</b>                      |            | 17.45 | <b>Approaching mitotic chromosomes from all directions</b>                                   | <b>Bill Earnshaw</b>    |
|                   |                                             |            | 18:30 | <i>Discussion (15')</i>                                                                      |                         |
|                   |                                             |            | 19.00 | Dinner                                                                                       |                         |
| 01<br>June 2026   |                                             |            |       |                                                                                              |                         |
|                   | <b>Session 2:</b><br>Genome stability       | Fachinetti |       |                                                                                              |                         |
|                   |                                             |            | 9:00  | <b>An electrostatic repulsion model of centromere organization</b>                           | <b>Daniel Gerlich</b>   |
|                   |                                             |            |       | <i>Discussion (10')</i>                                                                      |                         |
|                   |                                             |            | 9:25  | <b>Dynamics of homologous recombination in living cells</b>                                  | <b>Angela Taddei</b>    |
|                   |                                             |            |       | <i>Discussion (10')</i>                                                                      |                         |
|                   |                                             |            | 9.50  | Selected talk from abstracts                                                                 |                         |
|                   |                                             |            |       | <i>Discussion (5')</i>                                                                       |                         |
|                   |                                             |            | 10.05 | Selected talk from abstracts                                                                 |                         |
|                   |                                             |            |       | <i>Discussion (5')</i>                                                                       |                         |
|                   |                                             |            | 10.20 | Coffee Breaks                                                                                |                         |
|                   |                                             |            | 11.00 | <b>Innate immune defenses in cancer</b>                                                      | <b>John Maciejowski</b> |

|              |                                                    |            |       |                                                                         |                                |
|--------------|----------------------------------------------------|------------|-------|-------------------------------------------------------------------------|--------------------------------|
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              |                                                    |            | 11.25 | <b>Damage-induced I-loops Generate eccDNA from Repetitive Elements</b>  | <b>Ylli Doksani</b>            |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              | Poster flash talks                                 |            | 11.50 | <b>Highlighted posters</b>                                              |                                |
|              |                                                    |            | 12.30 | Lunch                                                                   |                                |
|              | Poster session 1                                   |            | 14:30 |                                                                         |                                |
|              | <b>Session 3: Aneuploidy and cellular response</b> | Hirota     |       |                                                                         |                                |
|              |                                                    |            | 16:30 | <b>Control of kinetochores by spatially distinct Aurora A pools</b>     | <b>Arshad Desai</b>            |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              |                                                    |            | 16:55 | <b>How dividing cells adapt to karyotypic evolution</b>                 | <b>Helder Maiato</b>           |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              |                                                    |            | 17:20 | <b>A new role for Wee1 in controlling cell cycle entry</b>              | <b>Alexis Barr</b>             |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              |                                                    |            | 17:45 | <b>Consequences of Chromosome Segregation Errors on Cell Physiology</b> | <b>Stefano Santaguida</b>      |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              |                                                    |            | 18:10 | Selected talk from abstracts                                            |                                |
|              |                                                    |            |       | <i>Discussion (5')</i>                                                  |                                |
|              |                                                    |            | 18:25 | Selected talk from abstracts                                            |                                |
|              |                                                    |            |       | <i>Discussion (5')</i>                                                  |                                |
|              |                                                    |            | 19.00 | Dinner                                                                  |                                |
| 02 June 2026 |                                                    |            |       |                                                                         |                                |
|              | Session 4: Epigenetics regulation                  | Fachinetti |       |                                                                         |                                |
|              |                                                    |            | 9:00  | <b>Mechanism of chromatin assembly during DNA replication</b>           | <b>Francesca Mattioli</b>      |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              |                                                    |            | 9:25  | <b>Genetic and epigenetic structure of the Arabidopsis centromeres</b>  | <b>Ian Henderson</b>           |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              |                                                    |            | 9.50  | Selected talk from abstracts                                            |                                |
|              |                                                    |            |       | <i>Discussion (5')</i>                                                  |                                |
|              |                                                    |            | 10.05 | Selected talk from abstracts                                            |                                |
|              |                                                    |            |       | <i>Discussion (5')</i>                                                  |                                |
|              |                                                    |            | 10.20 | Coffee Breaks                                                           |                                |
|              |                                                    |            | 11.00 | <b>Mechano-osmotic principles of transcriptional bursting</b>           | <b>Yekaterina Miroshnikova</b> |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |
|              |                                                    |            | 11.25 | <b>Chromosome end protection during preimplantation development</b>     | <b>Jerome Dejardin</b>         |
|              |                                                    |            |       | <i>Discussion (10')</i>                                                 |                                |

|             |                                             |          |       |                                                                                                    |                                |
|-------------|---------------------------------------------|----------|-------|----------------------------------------------------------------------------------------------------|--------------------------------|
|             | Poster flash talks                          |          | 11.50 | <b>Highlighted posters</b>                                                                         |                                |
|             |                                             |          | 12.30 | Lunch                                                                                              |                                |
|             | <b>Poster session 1</b>                     |          | 14:30 |                                                                                                    |                                |
|             | <b>Session 5:<br/>Structure</b>             | Fukagawa |       |                                                                                                    |                                |
|             |                                             |          | 16:30 | <b>Mechanistic insights into kinetochore function</b>                                              | <b>Sue Biggins</b>             |
|             |                                             |          |       | <i>Discussion (10')</i>                                                                            |                                |
|             |                                             |          | 16:55 | <b>Unravelling Mechanisms of Accurate Chromosome Segregation</b>                                   | <b>Jeyaprakash Arulanandam</b> |
|             |                                             |          |       | <i>Discussion (10')</i>                                                                            |                                |
|             |                                             |          | 17:20 | <b>Structural Dynamics of Chromatin-Associated Complexes During Cell Cycle and Differentiation</b> | <b>Yasuhiro Arimura</b>        |
|             |                                             |          |       | <i>Discussion (10')</i>                                                                            |                                |
|             |                                             |          | 17:45 | <b>How to exercise proper restraint when (not) segregating your chromosomes</b>                    | <b>Kyle W Muir</b>             |
|             |                                             |          |       | <i>Discussion (10')</i>                                                                            |                                |
|             |                                             |          | 18:10 | Selected talk from abstracts                                                                       |                                |
|             |                                             |          |       | <i>Discussion (5')</i>                                                                             |                                |
|             |                                             |          | 18:25 | Selected talk from abstracts                                                                       |                                |
|             |                                             |          |       | <i>Discussion (5')</i>                                                                             |                                |
|             |                                             |          | 19.00 | Gala Dinner                                                                                        |                                |
| 3 June 2026 |                                             |          |       |                                                                                                    |                                |
|             | <b>Session 6:<br/>Centrosome biogenesis</b> | Hirota   |       |                                                                                                    |                                |
|             |                                             |          | 9:30  | <b>Decoding the mechanisms of human centriole assembly</b>                                         | <b>Daiju Kitagawa</b>          |
|             |                                             |          |       | <i>Discussion (10')</i>                                                                            |                                |
|             |                                             |          | 9:55  | <b>How to stop WGD+ cells?</b>                                                                     | <b>Renata Basto</b>            |
|             |                                             |          |       | <i>Discussion (10')</i>                                                                            |                                |
|             |                                             |          | 10:20 | <b>Dissection and reconstitution of the building blocks of the centrosome</b>                      | <b>Anna Akhmanova</b>          |
|             |                                             |          |       | <i>Discussion (10')</i>                                                                            |                                |
|             |                                             |          | 10:45 | <b>Physical corralling of oocyte chromosomes by a liquid-like phase</b>                            | <b>Jeff Woodruff</b>           |
|             |                                             |          |       | <i>Discussion (10')</i>                                                                            |                                |
|             |                                             |          | 11:10 | Selected talk from abstracts                                                                       |                                |
|             |                                             |          |       | <i>Discussion (5')</i>                                                                             |                                |
|             |                                             |          | 11:25 | Selected talk from abstracts                                                                       |                                |
|             |                                             |          |       | <i>Discussion (5')</i>                                                                             |                                |
|             |                                             |          | 11:40 | <b>Closing remarks</b>                                                                             | The organizers                 |
|             |                                             |          | 12:00 | Lunch                                                                                              |                                |