

## Session 5, Biomolecular Mathematics

Wednesday 18, Room 312

- 15:30–16:30 **Another class of semi-simple splicing languages**  
Carlos Martín Vide
- 16:30–17:00 **Using automated reasoning systems in natural computing**  
Mario J. Pérez-Jiménez
- 17:30–18:30 **Synonymous codon bias and gene expression**  
Alessandra Carbone
- 18:30–19:30 **Mathematics of gene assembly**  
Tero Harju
- 19:30–20:00 **On some abstract metrics for arbitrary contact structures**  
Francesc A Rosselló Llompart

Thursday 19, Room 312

- 18:30–19:30 **Membrane computing - power and efficiency: Recent results**  
Gheorghe Paun
- 19:30–20:00 **Complexity classes in cellular computing with membranes**  
Mario J. Pérez-Jiménez

Friday 20, Room 312

- 10:30–11:30 **Test tube systems**  
Rudolf Freund
- 11:30–12:30 **Circular DNA-based algorithms to solve hard problems**  
Rani Siromoney
- 12:30–13:30 **Agent based computational models of cells and tissue**  
Mike Holcombe

Saturday 21, Room 312

- 08:30–09:30 **Recent results in natural computing**  
Tom Head