

| | Sunday (30 March) | Monday (31 March) | Tuesday (1 April) | Wednesday (2 April) | Thursday (3 April) |
|-------------|----------------------------|---|---|--|---|
| 08:00-09:00 | | <i>breakfast buffet</i> | <i>breakfast buffet</i> | <i>breakfast buffet</i> | <i>breakfast buffet</i> |
| | | 09:00-13:00 Session 1: Biological Mechanosensory systems | 09:00-13:00 Session 3: Biological Mechanosensory systems, continued | 09:00-13:00 Session 4: Modelling of System Dynamics | 09:00-13:00 Session 6: Artificial Sensors (continued), Robotics |
| 09:00-10:10 | | 1. John Miller: Functional organization of the array of filiform mechanoreceptors on the cricket cercus | 6. Mitra Hartmann: Encoding and processing of mechanical variables by the rat vibrissal/trigeminal system | 9. Sietse van Netten: Mechanical characteristics of the peripheral lateral line organ and sensory hair cells: clues for bionic mechanosensory systems | 15. Herbert Peremans: Sonar sensing for robots: the future is biomimetic |
| 10:10-11:20 | | 2. Werner Gnatzy: Digger wasp vs. Cricket: Neuroethology of a predator-prey interaction | 7. Wolf Hanke: Mechanoreception in seal vibrissae | 10. Ray Meddis: A computer model of the mammalian inner hair cell | 16. Jason Lohn: Evolutionary antenna design |
| 11:20-11:50 | | <i>coffee break</i> | <i>coffee break</i> | <i>coffee break</i> | <i>coffee break</i> |
| 11:50-13:00 | | 3. Friedrich Barth: The power of stimulus transformation - Spider mechanosensors | 8. John Buck: Cepstral signal processing models for bat biosonar | 11. Joseph Humphrey: Capturing the essential physics of complex sensory systems with simple models: Applications to fluid motion and odor sensing in biology and engineering | 17. Jason Lohn: Case Studies in evolving antennas |
| 13:00-14:00 | | <i>lunch buffet</i> | <i>lunch buffet</i> | <i>lunch buffet</i> | <i>lunch buffet</i> |
| 14:00-15:00 | | <i>free time</i> | 14:30-19:30 Trip to Montserrat Monastery | <i>free time</i> | about 14:30 end of summer school |
| 15:00-16:00 | | <i>poster session together with coffee break</i> | | <i>poster session together with coffee break</i> | |
| 16:00-17:00 | | <i>poster session together with coffee break</i> | | 12. Leo van Hemmen: Theory of neuronal information processing in mechanosensory systems: Common traits and differences in cricket, frog, and fish | |
| | | 17:00-19:20 Session 2: Biological Mechanosensory systems, continued | | 17:00-19:20 Session 5: Artificial Sensors | |
| 17:00-18:10 | 17:00 Arrival and Check-in | 4. Andrew Dacks: Probing Activity Across Neural Networks Using Multichannel Recording: Techniques, Advantages and Limitations | | 13. Gijs Krijnen: Biomimetic hairsensors: can MEMS bring them to life? | |
| 18:10-19:20 | 19:00 come-together | 5. Horst Bleckmann: Lateral line systems in fish: Structural, functional and ecological aspects | | 14. Christoph Brücker: Flow sensors based on flexible micro-hairs | |
| 19:30-21:30 | <i>dinner buffet</i> | <i>dinner buffet</i> | 20:00 <i>gala dinner</i> | <i>dinner buffet</i> | |
| | | <i>Evening talk Werner Gnatzy: Insects under the SEM</i> | | | |