

Preface

The scope of ACTIMS seminar is to bring together a small mass of multidisciplinary researchers to develop new ideas about activity and systems. With a common computational target, biologists, physicists, philosophers..., and computer scientists (from Robotics, Discrete Mathematics, languages, Dynamic systems...), meet each other in small working groups. All the groups finally synthesize and confront their new concepts and applications.

The contributions accepted this year reflect this diversity while sharing the common mathematical and computational tools of activity. New concepts have been developed: Activity disparity (Zeigler), Activity-informed Dynamic Data Driven Simulation (Hu and Rai), Random activity (Innocenti and Cancellieri). Existing concepts have been extended and applied to new areas: Epidemiology and decision-making (Duboz), software (Santucci and Capocchi), hardware (Zeigler), radars (Barros) and office sensors (Hu and Rai).

All these new contributions ensure the interest of activity as a common abstract concept for general computational systems and also sows the new fresh seeds necessary to initiate further exciting "activities"!