

Program

September 12 (1st Day)	September 13 (2nd Day) Joint sessions of ICMC and ECCEROBOT Workshop	September 14 (3rd Day)
8:30 Registration		
Session 1 (Chair: Hidenobu Sumioka)	Session 5 (Chair: Helmut Hauser)	Session 7 (Chair: Norman Packard)
9:00-9:45 Invited speaker (Rolf Pfeifer)	9:00-9:45 Invited speaker (Wolfgang Maass)	9:00-9:45 Invited speaker (Jim Crutchfield)
9:45-10:30 Invited speaker (Fumiya Iida)	9:45-10:30 Invited speaker (Massar Serge)	9:45-10:30 Invited speaker (Takashi Ikegami)
10:30-10:55 Koh Hosoda and Shunsuke Sekimoto. Object recognition based on dynamic touch by anthropomorphic muscular-skeleton upper limb	10:30-10:55 Ken Caluwaerts and Benjamin Schrauwen. The body as a reservoir: locomotion and sensing with linear feedback	10:30-10:55 Takuya Umedachi, Ryo Idei, and Akio Ishiguro. A fluid-filled soft robot that exhibits spontaneous switching among versatile spatio-temporal oscillatory patterns inspired by true slime mold
10:55-11:25 Coffee Break	10:55-11:25 Coffee Break	10:55-11:25 Coffee Break
Session 2 (Chair: Akio Ishiguro)	Session 6 (Chair: Takashi Ikegami)	Session 8 (Chair: Rolf Pfeifer)
11:25-12:10 Invited speaker (Metin Sitti)	11:25-12:10 Invited speaker (Rachel Armstrong)	11:25-12:10 Invited speaker (Norman Packard)
12:10-12:35 Jamie Paik, Byoungkwon An, Daniela Rus and Rob Wood. Robotic origamis: self-morphing modular robots	12:10-12:35 Tao Li, Kohei Nakajima and Matteo Cianchetti. Finding structure in deadtime	
12:35-13:00 Gregor Hoerzer, Robert Legenstein and Wolfgang Maass. Eliminating the teacher in reservoir computing	12:35-13:00 Elmar Rückert and Gerhard Neumann. A study of morphological computation by using probabilistic inference for motor planning	12:10-13:00 Panel discussion
13:00-14:00 Lunch Break	13:00-14:00 Lunch Break	13:00-14:00 Lunch Break
Session 3 (Chair: Rudolf M. Fuchslin)	Poster session (Chair: Kohei Nakajima)	ECCEROBOT workshop at ECLT
14:00-14:45 Invited speaker (Serge Kernbach)	14:00-14:45 Introduction of Posters	14:00-18:30
14:45-15:10 Yukio Gunji, Hisashi Murakami, Takayuki Niizato and Andrew Adamatzky. Self-similar boundary in an embodied swarm	14:45-16:30 Poster session (Odd) (Coffee Break)	
15:10-15:35 Takayuki Niizato and Yukio Gunji. Using criticality in flocking model	16:45-18:30 Poster session (Even)	
15:35-16:05 Coffee Break		
Session 4 (Chair: Shogo Hamada)		
16:05-16:50 Invited speaker (Gusz Eiben)		
16:50-17:15 Fabio Bonsignorio. Quantifying the evolutionary self structuring of embodied cognitive networks		
17:15- 17:40 Rudolf M. Fuchslin, Helmut Hauser, Rolf H. Luchsinger, Benedikt Reller, and Stephan Scheidegger. Morphological computation: applications on different scales exploiting classical and statistical mechanics	20:00-22:00 Social event (dinner)	
17:40-18:30 Reception		