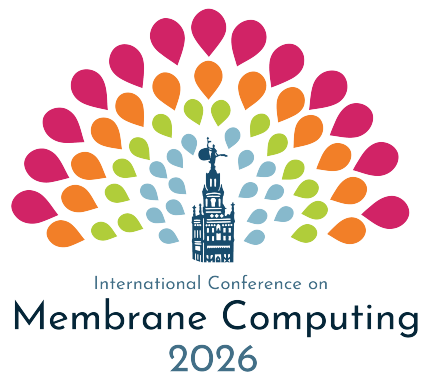




1 – 3 SEPTEMBER 2026 · SEVILLE

OFFICIAL CONFERENCE PROGRAMME

DAY 1	Tuesday, 1 September
DAY 2	Wednesday, 2 September
DAY 3	Thursday, 3 September

Invited talks · Paper presentations · Scientific discussion · Networking

08:30–09:15

WELCOME

Registration

09:15–09:40

OFFICIAL SESSION

Opening Session

09:40–10:30

INVITED TALK

Raluca Lefticaru

University of Bradford · Bradford, United Kingdom

10:30–11:00

BREAK

Coffee Break

11:00–13:05

PAPER PRESENTATIONS

Session 1

CHAIR

Agustín Riscos-Núñez**Reaction Systems with Rough Sets**

Péter Battyányi

A polynomial-time solution to the latin square completion problem by means of P systems with active membranes

Jerónimo Crespo, David Orellana-Martín

Spiking neural P systems with colored spikes and multiple channels

Jose M. Sempere, Rodrigo Llanes

A matrix-based and GPU-accelerated simulator for ASNP systems

Matteo Balzerani, Sandro Erba, Giuditta Franco, Claudio Zandron

Algebraic Topological Data Analysis of Membrane Systems via Multi-Hypergraph Incidence ModelsPedro Real (*online*)

13:05–14:00

BREAK

Lunch

08:30–09:20

INVITED TALK

Ángel Goñi-Moreno

Biocomputation Lab, CSIC · Madrid, Spain

09:20–10:45

PAPER PRESENTATIONS

Session 2

CHAIR

Andrei Păun

TENNCCell: Transformation and Execution of Numerical Networks of Cells

Sergey Verlan, Junying Xiao, Gexiang Zhang, Qiyu Liu

Numerical 2D P Colonies as a Data Management Architecture for Biological Computers

Daniel Valenta, Miroslav Langer

Numerical Networks of Cells with Forward Activation and Blocking of Rules

Artiom Alhazov, Rudolf Freund, Sergiu Ivanov, Sergey Verlan

10:45–11:10

BREAK

Coffee Break

11:10–12:00

INVITED TALK

Prithwineel Paul

Institute of Engineering & Management · Kolkata, India

12:00–13:15

PAPER PRESENTATIONS

Session 3

CHAIR

José M. Sempere

An assembly P system which generates finite approximations of the Hilbert curve

Taishin Nishida

A Weighted Spiking Neural P Systems Approach to Distributed SYN Flood Detection

Jacky John Abucay, Shane Odhuno, Kelvin Buño, Francis George Cabarle

Toward Partition-Aware Design of Spiking Neural P Systems

Job Lipat, Henry Adorna, Francis George Cabarle, Miguel Ángel Martínez-del-Amor, David Orellana-Martín

13:15–14:45

BREAK

Lunch

14:45–16:30

PAPER PRESENTATIONS

Session 4

CHAIR
Thomas Hinze

Spiking Neural P Systems in kPWorkbench

Stefan Iacob, Florentin Ipate, Marian Gheorghe, Ionut Mihai Niculescu

Scalable Verification-Aware Kernel P Systems

Doru Constantin, Cristina Tudose, et al.

Probabilistic Verification via Enzymatic Numerical P Systems

Radu Bobe, Savas Konur, Florentin Ipate

16:30–17:00

BREAK

Coffee Break

17:00–18:40

PAPER PRESENTATIONS

Session 5

CHAIR
Sergey Verlan

Control Languages with Cell-like Spiking Neural P Systems

Marian Gheorghe, Ajeesh Ramanujan, et al.

Program-oriented computation models and virus machines

David Orellana-Martín, Luis Valencia-Cabrera

Virus Machines: generating strings

Antonio Ramírez de Arellano Marrero, David Orellana-Martín, Francis G. C. Cabarle

Small Universal Multiset Reaction Systems

Annemarie-Beatrix Messner, Andrei Păun

08:30–09:20

INVITED TALK

Tao Wang

Xihua University · Chengdu, China

09:20–10:35

PAPER PRESENTATIONS

Session 6

CHAIR

Lucie Cienicalová**Visual Discrete Event Simulator for Plant Defense via Tissue P System**

Lucas Dietrich, Benjamin Foerster, Peter Langendoerfer, Thomas Hinze

Membrane Computing-Based Image Classification

Katalin Lazar, Leona Rajhona

Olive tree water stress classification

David Orellana-Martín, Agustín Riscos-Núñez, Alejandro Linares-Barranco

10:35–11:00

BREAK

Coffee Break

11:00–12:15

PAPER PRESENTATIONS

Session 7

CHAIR

Claudio Zandron**3-SAT via Enzymatic Numerical P Systems**

Alberto Leporati

Reducing capacity in P Colonies

Lucie Cienicalová, Luděk Cienicala

12:15–13:00

OFFICIAL SESSION

ICMC Meeting & Closing

13:00–14:00

BREAK

Lunch

17:30+

SOCIAL EVENT

Social Event & Conference Dinner

Further details will be announced soon

Note: programme information and timings may be updated as the conference approaches. Visit icmc2026.org/programme/ for the latest version.