

Workshop on Uncertain Dynamical Systems 2026

August 18-20, 2026

Umeda Campus,
Osaka Institute of Technology,
Osaka, Japan

Supported by

JST ASPIRE Grant Number JPMJAP2402



About WUDS

The workshop on Uncertain Dynamical Systems (WUDS) is an international event organized by the Technical Committee on Robust Control of the International Federation of Automatic Control (IFAC). The workshop traditionally takes place the week before the IFAC World Congress, a flagship event of the IFAC. The 2026 IFAC World Congress will take place in Busan, Republic of Korea, from August 23 to 28, 2026. The 2026 WUDS will be organized in the preceding week, from August 18 to 20, 2026, in Osaka, Japan.

The goal of the WUDS is to gather a selected number of internationally renowned researchers with a robust control background in an event characterized by a friendly atmosphere, where they can share their most recent cutting-edge research results on advanced and applied control topics. The 2026 WUDS will be held in close collaboration with the project JST ASPIRE “Building Mathematical Foundation for Cyber Physical Dynamical Systems: Interdisciplinary Research and Human Resource Development on Control with Prediction and Learning,” whose abbreviation is “ASPIRE-CPDS.”

Organizers

Program Chairs:

Constantino Lagoa (Pennsylvania State University, USA)

Mario Sznaier (Northeastern University, USA)

Yoshio Ebihara (Kyushu University, Japan)

Local Arrangements Chairs:

Takayuki Wada (Hyogo Prefecture University, Japan)

Koichi Osuka (Osaka Institute of Technology, Japan)

Invited Speakers (TBD)

Constantino Lagoa, Pennsylvania State University, USA

Mario Sznaier, Northeastern University, USA

Yoshio Ebihara, Kyushu University, Japan,
ASPIRE-CPDS PI

Hideaki Ishii, The University of Tokyo, Japan,
ASPIRE-CPDS Co-PI

Masaaki Nagahara, Hiroshima University, Japan,
ASPIRE-CPDS, Co-PI

Karl Henrik Johansson, KTH Royal Institute of Technology, Sweden,
ASPIRE-CPDS, Team Sweden, PI

Dimitri Peaucelle, LAAS-CNRS, France,
ASPIRE-CPDS, Team France, PI

Fabrizio Dabbene, CNR IEIIT, Italy,
ASPIRE-CPDS, Team Italy, PI

Maurice Heemels,
Eindhoven University of Technology, The Netherlands
ASPIRE-CPDS, Team The Netherlands, PI

Shinji Hara, Science Tokyo, Japan,
ASPIRE-CPDS, Advisor

Conference Venue

Umeda Campus, Osaka Institute of Technology
1-45, Tyayamachi, Kita-ku, Osaka 530-8568, Japan
<https://www.oit.ac.jp/oit/access/index.html>

Room 203 (capacity 90 people)



Program (TBD)

August 17, Monday:

Evening: Welcome Reception (TBD)

August 18, Tuesday (9:00-17:00):

Morning and Afternoon: Traditional WUDS Technical Sessions

August 19, Wednesday (9:00-17:00):

Morning and Afternoon: Traditional WUDS Technical Sessions

Evening: WUDS Banquet @ OIT Umeda Campus 21F (booked for 60 people)

August 20, Thursday (9:00-17:00):

Morning: ASPIRE PI Presentations,

Afternoon: Poster Session by ASPIRE Young Researchers,

Evening: ASPIRE-CPDS Banquet (TBD)

Technical Program (TBD)

August 18, Tuesday (8:40-17:00):

Time

8:30 Room 203 Opened
8:40 Registration
9:00 Speaker 1
9:40 Speaker 2
10:20 Coffee Break
10:40 Speaker 3
11:20 Speaker 4
12:00 Lunch Break
13:20 Speaker 5
14:00 Speaker 6
14:40 Speaker 7
15:20 Coffee Break
15:40 Speaker 8
16:20 Speaker 9
17:00 End of the day
17:30 Room 203 Closed

August 19, Wednesday (9:00-17:00):

Time

8:30 Room 203 Opened
9:00 Speaker 1
9:40 Speaker 2
10:20 Coffee Break
10:40 Speaker 3
11:20 Speaker 4
12:00 Lunch Break
13:20 Speaker 5
14:00 Speaker 6
14:40 Speaker 7
15:20 Coffee Break
15:40 Speaker 8
16:20 Speaker 9

17:00 End of the Technical Session
17:30 Room 203 Closed
(18:00 WUDS Banquet @ OIT Umeda Campus 21F)

August 20, Thursday (9:00-17:00):

Time

8:30 Room 203 Opened
9:00 Yoshio Ebihara
9:30 Hideaki Ishii
10:00 Masaaki Nagahara
10:30 Coffee Break
11:00 Shinji Hara
11:30 Maurice Heemels
12:00 Lunch Break
13:30 Karl Henrik Johansson
14:00 Fabrizio Dabbene
14:30 Dimitri Peaucelle
15:00 Coffee Break
15:30 Poster Session
17:00 End of the Technical Session
17:30 Room 203 Closed
19:00 Farewell Reception (ASPIRE-CPDS Banquet) @ Osaka