ERNSI WORKSHOP 2024

Centro Culturale Don Orione Artigianelli

Sunday – September 29th

19.30	Dinner (served @Ristorante S. Trovaso)
	(for late arrivals, dinner will be served until 21.30 approx)

Monday – September 30th

7.30 – 8.30	Breakfast (served @DonOrioneArtigianelli for those staying at the conference center)

8.30-9:20	**Plenary talk 1 (***Chair: Håkan Hjalmarsson)* Michael Mahoney, *Model Selection and Ensembling When There Are More Parameters Than Data*
9:20-9:30	Discussion
	Contributed Session 1 (*Chair: Jan Maciejovski)*
9.30-10:00	Algo Carè, *An introduction to State Conditional Filtering*
10:00-10:30	Alberto Padoan, *From time series to dissipativity of linear systems*

10.30-11.00	Coffee Break

Contributed Session 2   (*Chair: John Lataire*)

11:00-11:30

Noël Hallemans, *Frequency domain system identification for noninvasive battery characterisation*

11:30-12:00   Rodrigo Gonzalez, *Statistically Optimal Modal MIMO Identification for High-Tech Motion Systems*

12:00-12:30   Stephane Victor, *Wind speed turbulence system identification and signal generator*

12.30-14.30   Lunch Break (served @Ristorante S. Trovaso)

Contributed Session 3   (*Chair: Marco Campi*)

14:30-15:00   Koen Tiels, *Control variates for multivariate truncated probability density functions with applications in system identification*

15.00-15.30   Raphael M. Jungers, *On the Links Between Binary-Classification Learning and the Scenario Approach*

15:30-16:15   Håkan Hjalmarsson, *Data-driven control from a statistical decision theory perspective: A tutorial*

16:15-16:30   Discussion

16.30-17.00   Coffee Break

Contributed Session 4   (*Chair: Martin Enqvist*)

17.00-17:30   Yue Ju, *A Bias-variance Perspective: Which Parameter Estimator/ Data-driven Controller Performs Better?*

17:30-18.00   Per Mattsson, *On the Equivalence of Direct and Indirect Data-Driven Predictive Control Approaches*

19:30   Dinner (served @Ristorante S. Trovaso)

Tuesday – October 1st

7.30-8:30	Breakfast (served @DonOrioneArtigianelli for those staying at the conference center)

Plenary talk 2 *(Chair: Alessandro Chiuso)*

8.30-9:20	Peter Zeidman, *Variational Bayesian inference for structure learning*
9:20-9:30	Discussion

Contributed Session 5   **(***Chair: Roland Toth)*

9.30-10:00	Guillaume Mercère, *Data enabled Predictive Control of LPV systems*
10:00-10:30	Keith Moffat, *Addressing Closed-Loop Bias of Data-Driven Predictive Control with the Transient Predictor*
10:30-10:50	Poster Teasers (Poster Session #1)
10:50-13:00	Coffee Beak/Posters (Poster Session #1)
13.00-15.00	Lunch Break (served @Ristorante S. Trovaso)

Social Program

15.30	Boat to Murano (leave from Zattere)
16:30-17:45	Glass Furnace
17:45-18:30	Freetime in Murano
18:30	Apero/Dinner @La Fornace Murano

Wednesday – October 2nd

7.30-8:30	Breakfast (served @DonOrioneArtigianelli for those staying at the conference center)

Contributed Session 6   (*Chair: Marion Gilson*)

8.30-9:00	Lizan Kivits, *Mixed linear dynamic networks*
9:00-9:30	Bernard Hanzon, *Parametrization of Stable Multivariable Systems: Pivot Structures and Numbered Young Diagrams*
9:30-9:50	Poster Teasers (Poster Session #2)
9:50-12:00	Coffee Beak/Posters (Poster Session #2)

Contributed Session 7   (*Chair: Chiuso Alessandro*)

12:00-12:30	Mattia Zorzi, *Identification of forward models - a nonparametric approach*
12:30-13:00	Simone Formentin, *Learning the control designer: meta and in-context estimation tools for data-driven control*

13.00	Lunch (served @Ristorante S. Trovaso)