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Newsletter N°2

Network-wide event: ETH Zurich

In April, ETH Zurich hosted the second Network-wide event. Our 14 ESR Ph.D. students gathered for four days of scientific and soft-skills trainings including courses on surrogate modelling, scientific writing and critical thinking. Those events are organized two times a year, and are opportunities for the ESRs in the training network to connect, share and discuss progress and future developments.

Dissemination: first conference activities

With the first results of their thesis arriving, the past few months were the perfect opportunity for our ESRs to have their first experiences in communicating their research in international conferences. Six of them participated at ECCOMASS 2022 and MASCOT-NUM 2022. Their contributions are listed bellow with links to the corresponding proceedings; go and have a look!

MASCOT-NUM - Clermont-Ferrand, France:

- Damien Bonnet-Eymard:
  Physics-informed neural networks for uncertainty quantification
- Miriam Dodt:
  Greybox modelling for online monitoring of online-processes
- Katerina Giannoukou:
  Multifidelity surrogate modelling with noisy grey-box models

On the picture, left to right: Damien Bonnet-Eymard, Augustin Persoons, Alessio Faraci, Miriam Dodt, Francesco Cancelliere, Katerina Giannoukou, Jean-
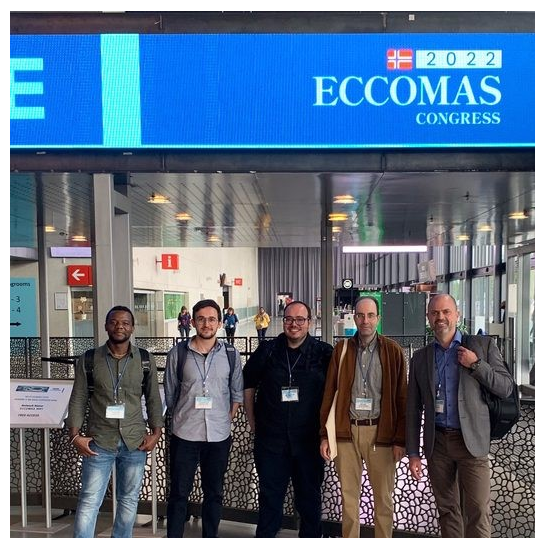
ECCOMASS - Oslo, Norway:

- Panagiotis Gavallas:
  A computational framework for modelling graphene nanoplatelets
- Thabang Lebese:
  Understanding Vehicle Reliability and Safety with Multivariate Sensory Data: A Tire Wear Case Study
- Anderson Pires:
  The effects of noise on reliability analysis

On the picture, left to right: Thabang Lebese, Panagiotis Gavallas, Anderson Pires, George Stefanou, David Moens

Welcoming a new ESR!

Ehsan Sheikhasadi has been recruited for the ESR position number 7 with Aramis and Politecnico di Milano. We are very glad to welcome him to the network!

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