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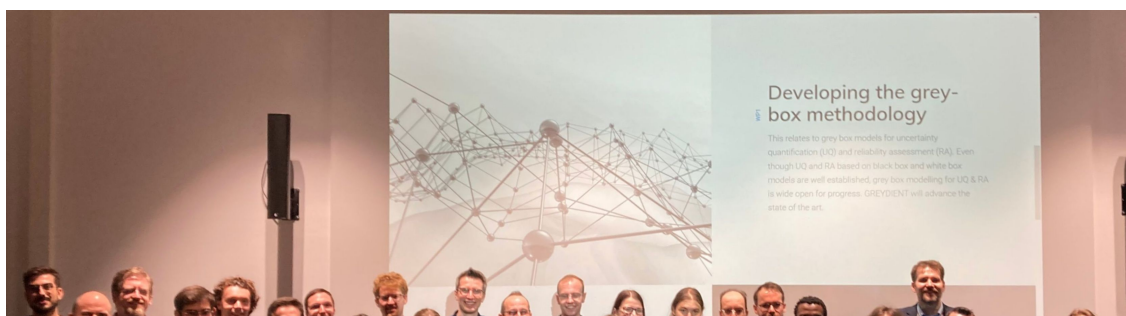
GREYDIENT

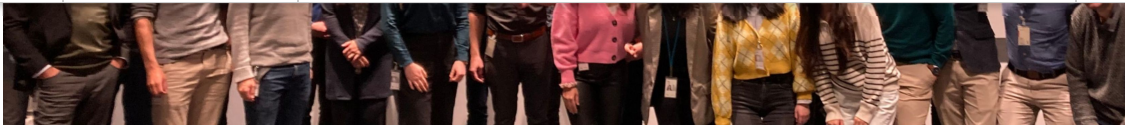
## Newsletter N°6

### Network-wide event 6: TUM



The 6th GREYDIENT event was organized in Munich by TUM. Once again the four days event was an occasion for the consortium to gather, exchange and learn! Most noticeably the event included a half-day visit at BMW, company-students exchanges with the participation of ARRK Engineering GmbH, Altair Engineering GmbH, TWT GmbH Science & Innovation and Bluesolve. A startup-focused interactive training was also organized, involving Bernhard Horst [BMW Startup Garage], Nina Korshunova [Hyperganic Group], Marko Thiele [Scale], Antoine Leboyer [TUM Venture Labs], Herbert Mangesius [Vsquared Ventures] and Leo Martinez [Unternehmer TUM].



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## Dissemination: conference activities

The GREYDIENT early-stage researchers are obtaining promising results, exploiting grey-box methods features in several fields. The contributions are being spread in several conferences and will be share in our [Zenodo repository](#) do not forget to check them out!

### Giada Colella:

**Vehicle body conference:**  
Porto, November 2nd and 3rd

*Transfer learning for crash design*



### Francesco Cancelliere:

**PHM Society Annual Conference**  
Salt lake city, October 28th –  
November 2nd, 2023

*A Grey-Box Approach for the Prognostic and Health Management of Lithium-Ion Batterie*

[Subscribe](#)[Past Issues](#)[Translate](#) ▼**Paolo Ascia:****10th GACM Colloquium on Computational Mechanics 2023:**

11.09.2023 - 13.09.2023

[Flexibility and uncertainty quantification using the solution space method for crashworthiness](#)

## Hackathon event

November the 13th and 14th our 15 ESRs took part in an incredible Hackathon! Their task was to tackle two industrial real-case scenarios, in nuclear safety and routing!

The students had only 30 hours to develop a functional prototype solution. All groups came up with amazing solutions and special congratulations are addressed to the winners: “The Downsizing Company” of Paolo Ascia, Panagiotis Gavallas and Anderson Pires. For “ouRTool”, their software to estimate the fragility curves of a nuclear power plant!

Thanks to the organizes Stefano Marelli, Matteo Broggi and Matthias Faes for this amazing experience, and the wonderful prize that you can appreciate in the picture!

**Dissemination: Zenodo repository and website**

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repository has been created on [Zenodo](#). You find find our community following this [link](#).

A new paper, from P. Ascia, V. Lange and F. Duddeck is available on open access, check it out on [our website!](#)



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