

International Ergonomics Association
Technical Committee on Resilience Engineering
Summary of the activities from June to November 2023

Chair: Tarcisio A. Saurin, Federal University of Rio Grande do Sul, Brazil

The chair (Tarcisio Saurin) and co-chair (Riccardo Patriarca) of this TC have been serving as guest editors of a special issue in *Applied Ergonomics*, entitled *Digital Technologies Supportive of Resilient Performance in Socio-Technical Systems: a human factors and ergonomics perspective*. The call for papers was announced through the monthly IEA Newsletter. The special issue is expected to be complete and online during the first semester of 2024. Both researchers also co-organized a workshop on the same topic (digital technologies, DTs, and resilience) at the 10th Resilience Engineering Association (REA) Symposium, which took place this June in France. During the workshop, a survey questionnaire on the relationships between RE and DTs was answered by the attendees, providing data for a paper that submitted to the special issue. This same questionnaire was circulated through the IEA mailing list, increasing the size and diversity of our sample.

Additionally, in September 2023, there was a webinar on resilience engineering targeted at Portuguese speaking countries. There were approximately 60 attendees from Brazil and Portugal. IEA was formally presented as a co-sponsor (please see the flyer below).



I SEMINÁRIO LUSO-BRASILEIRO

28 DE SETEMBRO DE 2023 ONLINE



Pedro Ferreira
Resilience Engineering Association (REA)



Tarcísio Saurin
Universidade Federal do Rio Grande do Sul, Brasil



Éder Henriqson
Pontifícia Universidade Católica do Rio Grande do Sul, Brasil



Paulo Carvalho
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Alessandro Jatoba
Laboratório ResiliSUS, Brasil



Joana Fernandes
Universidade do Minho, Guimarães, Portugal



Celso Mendes
Universidade de Lisboa, Portugal

DESAFIOS E OPORTUNIDADES NA INVESTIGAÇÃO EM ENGENHARIA DE RESILIÊNCIA

Moderador: Teresa Patrone Cotrim

João Santos Batista | SPOSHO & Universidade do Porto
Matilde Rodrigues | Instituto Politécnico do Porto
Rui Bettencourt Melo | Universidade de Lisboa



09H30 (BR)

13H30 (PT)

+INFO



Our TC co-chairs from Rio de Janeiro had planned a webinar in November but they unfortunately could not make it.

In parallel, the TC chair got approval from the Resilience Engineering Association (REA) and from the Resilient Health Care Society (RHCS) for a joint symposium involving both communities in Brazil, in 2025. IEA endorsement and advertising of this symposium would be welcome.

I hope that 2024 will be a more active year for our TC. For instance, I am planning to offer again an international free graduate course (45 hours) on resilience engineering, in the distance learning format. This course was offered from 2019-2022 but there was a gap in 2023. A more active program of webinars will also be implemented. We are also planning for the election of a new chair and co-chairs.

Regarding the IEA triannual conference in South Korea, none of the chairs will be able to attend in person, either due to personal constraints (e.g., parenting) or lack of funding.

Porto Alegre, Brazil, the 08th of December, 2023.

Tarcísio Saurin

