Young Talents in Resilience Engineering - 2019

The Young Talents in Resilience Engineering Program will take place on 24th June 2019, in conjunction with the 8th Resilience Engineering Association Symposium, which will be hosted by Kalmar Maritime Academy & Faculty of health and life sciences, Linnaeus University in Kalmar (Sweden), 24th-27th June 2019.

What is the Young Talent Program?
The Young Talent Program is a one day workshop for Master and PhD students within the field of Resilience Engineering (RE). During this one day workshop, the students will have the opportunity to present their work to prominent researchers in the field. Among the mentors for the 2018 workshop are Professors Richard Cook, Sidney Dekker, Mike Rayo, Tarcisio Saurin, Anthony Smoker and David Woods. The results of the workshop will be presented at the 8th REA Symposium, which all participants get to attend as part of the program.

Who can become a Young Talent?
PhD students who are currently pursuing research in the area of Resilience Engineering can become REA Young Talent. Master students are welcome as well, if conducting relevant research in RE. More information on eligibility requirements are provided below under “What is required to become a Young Talent?”.

What are the benefits of becoming a Young Talent?
The Young Talents workshop offers a unique opportunity to present your current research to some of the foremost scholars within the field of Resilience Engineering. Participants will receive feedback and hands on advice from senior researchers that can help you to reflect upon the current challenges that you are facing in your work.

Participants will be entitled to a reimbursement of travel and subsistence costs up to a substantial limit, commensurate with the distance traveled. For instance, students traveling from Australia will have a higher reimbursement limit than students from Sweden or Europe. The specific amount of the reimbursement will be announced in the coming weeks.

What do previous participants have to say about the YTP?
“"The Young Talents consortium of 2013 was my first real connection with the resilience engineering community. The program provided a rare opportunity for me to interact with, and learn from, high profile researchers in the field of safety engineering and human factors." (Kenneth Igbo, YT 2013)

“"The YT program was just really a great experience. Being able to get feedback on my research not only from some of the leaders in the field, but also to just get the opportunity to interact with some other young researchers was great. You get to share ideas, see different perspectives and even just see that you’re not alone in the process, as others are going through similar things as you.” (Ron Gantt, YT2015)

“"The YT programme has been such an inspiring experience in so many ways. Although it was quite challenging to present my work and open up for criticism from such eminent scientists in the RE field,
their feedback was invaluable and really helped me focus. Also, I really valued the chance to meet other students from around the world who are grappling with similar questions about RE, and interact with the wider resilience community throughout the Symposium.” (Linda de Vries, YT 2017)

What is required to become a Young Talent?

The application package should include the following:

1. A cover page including your name, institution, department, primary thesis advisor
2. A brief (max 400 words) description of the work you are pursuing in the area of Resilience Engineering
3. Curriculum Vitae
4. A personal statement (max 400 words) explaining:
   - Why you would like to participate in the YT program
   - How you your work relates to the symposium’s theme “Embracing Resilience: Scaling up and Speeding up”
   - What you would like to discuss during this day
   - How you would like to contribute to the Young Talents network after the workshop, e.g. organizing the next Young Talents workshop in 2021, writing a blog on the Resilience Engineering Association website, managing a social account, launching a campaign for young researchers, etc.

The ideal candidate would be a student who has already developed some preliminary analyses for his/her research project, or has already collected partial or full data and set up the analysis, prepared a thesis proposal, contributed to (or developed) a method or model. In order to ensure that the research is germane to RE, reviewers would look for the following themes:

- Adaptive capacity
- Preparedness or readiness to respond
- Socio-technical system design
- Joint Cognitive Systems
- Safety-I/Safety-II
- Proactive learning and risk management in complex systems
- Modelling and/or measuring resilience (FRAM, RAG, etc.)

In order to facilitate in-depth discussion during the workshop, the number of students admitted to the program is limited to ten. The deadline for application is 10th January 2019.

Applications should be submitted to: talents@resilience-engineering-association.org