

# Call for proposals RTSS Hot Topic Day 2021

RTSS 2021 will feature a Hot Topic Day (HTD). The rationale behind the hot topic day is to offer some space to *emerging research areas* and results. The HTD will be a combination of full-day workshops, half-day workshops, special sessions, and tutorials.

- **Workshops (W)** are meant to foster the community discussion on given topics.
- **Special sessions (S)** present invited talks on visionary and emerging topics (typically 3 invited talks in a 1.5 hours long session).
- **Tutorials (T)** offer their attendees specific knowledge and background necessary for understanding technical advances in relevant areas (typically 1.5 hour long sessions).

Topics include (but are not limited to):

- autonomous systems, such as autonomous vehicles and robots,
- real-time machine learning,
- real-time cloud/edge computing,
- safety, reliability and security of learning-based and autonomous systems,
- industrial automation, smart manufacturing and industry 4.0,
- 5G-enabled real-time applications,
- cyber-physical systems and internet-of-things.

We solicit submissions for events that you would like to have hosted at RTSS for all the categories above (workshops, special sessions, and tutorials).

Evaluation of the proposals will consider its general interest to the RTSS attendees, the quality of the proposal, and the expertise of the organizers and contributors. According to the RTSS conflict-of-interests guidelines, workshop PC chairs and special session chairs are NOT eligible to submit papers to their own events. Workshop PC chairs and special session chairs shall send the list of accepted papers and authors to the RTSS HTD chairs and RTSS program chair prior to sending out the acceptance notification of their events.

## Important dates - for Workshops (W), Special sessions (S), and Tutorials (T)

<b>W, S, T</b>	→	Event proposals due: June 1, 2021 (tentative)
<b>W, S, T</b>	→	Event acceptance notification: July 6, 2021
<b>W, S, T</b>	→	Event preliminary website online (initial CFP if needed): July 27, 2021
<b>W, S, T</b>	→	Deadline for HTD contributions: September 7, 2021
<b>W</b>	→	Notification for HTD contributions: October 8, 2021
<b>W, S, T</b>	→	Camera-ready deadline: October 20, 2021
<b>W, S, T</b>	→	Event program finalized on website: October 27, 2021
<b>W, S, T</b>	→	Hot-Topics Day: December 7, 2021

Proposals should be sent via e-mail as PDF to the Hot Topics Day Chair, Martina Maggio <[martina.maggio@control.lth.se](mailto:martina.maggio@control.lth.se)>. The necessary content of the proposals for the different categories of events is found below.

**Workshop proposals** must include:

- title
- abstract
- rationale and target audience
- estimated audience size
- contact information of the organizers  
name, email, affiliation, short biography (for workshop chairs and PC chairs)
- potential contributors
- duration (full-day or half-day)
- proposed format (e.g., keynotes, invited talks, panels, poster sessions)
- proposed plan for paper selection and publication (if any)
- information about sponsorship (if any)
- technical or audio/video needs
- other relevant information.

**Special session proposals** must include:

- title
- abstract and target audience
- estimated audience size
- contact information of the organizers  
name, email, and affiliation, short biography
- working title and brief abstract of the talks
- presenters names and biographies
- technical or audio/video needs
- other relevant information.

**Tutorial proposals** must include:

- title
- abstract and target audience
- estimated audience size
- contact information of the organizers  
name, email, and affiliation, short biography
- technical or audio/video needs
- other relevant information, such as the website of the tool.

The event selection committee reserves the right to cancel the workshops, special sessions, or tutorials if too few attendees are registered.

COVID-19: The RTSS Organizing Committee is closely monitoring the COVID-19 situation. At this time, the conference is planned as a hybrid conference, allowing both physical and virtual participation. By submitting a proposal you confirm that you are willing to organise the corresponding event in a hybrid format.