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PASC21
Geneva Switzerland | 5-8 July 2021

# Contributions

## Papers, Minisymposia and Posters

Conference chairs

**Sinead Ryan** (Trinity College Dublin) and
**Bastien Chopard** (University of Geneva)

Technical program organized around eight scientific domains:

- Chemistry and Materials Science
- Life Sciences
- Physics
- Climate and Weather
- Solid Earth Dynamics
- Engineering
- Computer Science and Applied Mathematics
- Emerging Application Domains

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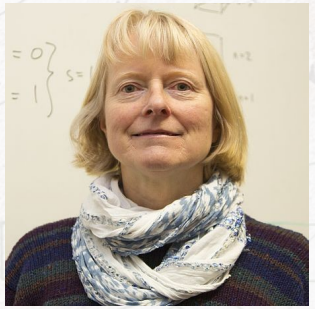
# Program

- 50+ topically-focused interdisciplinary minisymposia
- Peer-reviewed papers
- Poster sessions
- Panel discussion: “New Challenges, New Computing Paradigms”
- Interdisciplinary dialogue
- Social events



**Keynotes** from **Vivien Kendon** (Durham University) on the prospects and challenges of **quantum computing** and **Jeronimo Castrillon** (TU Dresden) on **domain specific languages for heterogeneous and emerging computer architectures**.

**Public lecture** from **Dalia Conde** (University of Southern Denmark and Species360) on the use of **machine learning, big data and exascale computing for tackling biodiversity loss**.

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# Submissions & Volunteers

**Submissions for papers, minisymposia and posters** will open in the fall

Check for updates on https://pasc21.pasc-conference.org/

If you would like to be added to the newsletter: write to Tatjana tatjana.ruefli@cscs.ch

**Opportunities for student participation: Student Volunteer Program**

We are looking for enthusiastic students who are interested in helping us run the event.

You'll get complimentary registration for the conference, and

- get to know participants from all over the world
- attend talks in your field and beyond
- work hard and play hard with a fun team of people!

https://pasc21.pasc-conference.org/about/student-volunteer-program/

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