

Cryogenic Heat and Mass Transfer

4th - 5th November 2019

<http://www.utwente.nl/chmt>

Srinivas Vanapalli
Conference Chair

Heat and mass transfer phenomena is important in the design of devices and systems dealing with the cryogenic temperature range. The aim of the 2-day international conference CHMT 2019 is to bring together physicists and engineers working on cryogenic heat and mass transfer in a broad sense: covering theoretical, experimental, and industrial perspectives.

The program will be shaped to stimulate group discussions and informal exchanges. Dedicated session for young researchers will be part of the program.

TOPICS:

- Spray cooling
- Boiling/Evaporation
- Flow in porous media
- Boiling in microgravity
- Oscillating flow and heat transfer
- Modeling across time and length scales
- Applications: Fuel, Transportation, Medical and Food
- Cryotherapy
- Cryoablation
- Cryogenic cold chain
- Cryogenic bottling/purging
- Snapfreezing and vitrification
- Lyophilization (Freeze Drying)
- Cryogenic workflow for microscopy

IMPORTANT DEADLINES

- abstract submission: by 15 September 2019
- discounted hotel accommodation: by 1 October 2019

UNIVERSITY OF TWENTE.

ENSCHDEDE, THE NETHERLANDS

