## Lorentz center Workshop @Snellius

## **Electron-Capture-Initiated Stellar Collapse**

20 - 24 May 2019, Leiden, the Netherlands

## **Scientific Organizers**

- Samuel Jones, Los Alamos National Laboratory
- Shing Chi Leung, University of Tokyo
- Friedrich Roepke, HITS Heidelberg
- Josiah Schwab, UC Santa Cruz
- Silvia Toonen, University of Birmingham

## Topics

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The Netherlands

- Single and Binary Star Progenitor Evolution
- Improvements in Input Physics
- Hydrodynamical Models of Collapse/Explosion

Science

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Properties of Remnant Objects

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Transient and Nucleosynthetic Signatures

The Lorentz Center organizes international workshops for researchers in all scientific disciplines. Its aim is to create an atmosphere that fosters collaborative work, discussions and interactions. For registration see: www.lorentzcenter.nl

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**Theoretical Studies** 

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A simulation of a violently burning white dwarf star, color-coded by composition. Image by S. Jones et al (2018): arXiv:1812.08230 Poster design: SuperNova Studios . NL

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