MCM 2017-18

Program for mini symposium, January 17th, 2018, BBG 077

9:00	Introduction by Sanli Faez
9:02	Peltier-Seebeck effect (D), **Rinske Alkemade** and **Jillis Schokking** Gecondenseerde materie (W), **Laura Scheffer** Charge carriers (W), **Allard Veenstra** Crystal growth (W), **Illias Amjahid** Frenkel-Kontorova model (W), **Fatima Botan** Tight-binding model (W), **Mickey Bramer** Rigid-band model (W), **Nicoleta Tsakali**
9:37	Break
9:45	Superhydrophobic surfaces (D), **Sam Borman** and **Margriet van Riggelen** Drude model (W), **Milo Collaris** Drude model (S), **Simon Brouwer** Fermi-Dirac distribution (S), **Amira Moussa** Fermi Surface (W), **Peter van de Giessen** Fermi Surface (S), **Tom Konings**
10:15	Short break
10:18	Josephson current (S), **Lennart Landsmeer** Density of States (S), **Reinier Nederstigt** Electronic band structure (W), **Jasper van der Neste** Band offset (W), **Winston Oudshoorn** Debye frequency (W), **Andeos Rigas** Phonon (W), **Tijmen Schaapherder** Optical and acoustic phonons (S): **Nils de Vries** Coupled Oscillators (S): **Hilbrand Wouters** Debye model (W): **Loek Meijers**

S: Simulation, D: Demonstration, W: Wikipedia article

Suggested structure for the presentation (max 5 minutes):

- For Wikipedia articles:
    - Scientific summary of the article (2 minutes)
    - Connection to the MCM course
    - What was present before editing?
    - Which parts have been added?

- For Simulations and Demonstrations:
    - Which topic is demonstrated?
    - Connection to the MCM course.
    - How to operate the demonstration or the simulation program?