Programme for workshop TERRA

Monday Review and Recent Developments

Chairs: Dong Lai
10:00 – 10:15 Welcome Lorentz Center
10:15 – 10:30 Yan Gao and Tjarda Boekholt
10:30 – 11:00 Invited Review 1: Stephane Mathis
11:00 – 11:30 Invited Review 2: Alexandre Correia
11:30 – 11:45 Coffee
11:45 – 12:15 Invited Review 3: Daniel Fabrycky

12:15 – 13:45 Lunch

Chairs: Dong Lai and Valery Lainey
13:45 – 14:45 Discussion Icebreaker: everybody can briefly introduce themselves and their work. What relevant research issues have you recently encountered that could have been solved by a better understanding of tides?
14:45 – 15:30 Discussion on which problems and issues can potentially be solved
15:30 – 16:30 Mix & Match: each participant finds problems that they can fix
16:30 – 17:30 Report and discuss meeting
17:30 – 19:00 Wine & Cheese

Tuesday Physical Mechanisms for Tidal Dissipation

Chairs: Gordon Ogilvie
09:00 – 09:30 Invited talk 1: Caroline Terquem
09:30 – 10:00 Invited talk 2: Adrian Barker
10:00 – 10:30 Coffee
10:30 – 11:00 Invited talk 3: Nevin Weinberg
11:00 – 12:00 Cross-disciplinary questioning
12:00 – 13:30 Lunch

Chairs: Gordon Ogilvie and Nevin Weinberg
13:30 – 14:30 Mix & Match: each participant finds problems that they can fix
14:30 – 15:30 Work and (group) discussion
15:30 – 16:30 Casual Discussion (Linhao Ma, Hang Yu)
16:30 – 17:30 Report and discuss meeting

Wednesday Observational Constraints on Tidal Evolution

Chairs: Onno Pols
09:00 – 09:30 Invited talk 1: Jack Wisdom
09:30 – 10:00 Invited talk 2: Valery Lainey
10:00 – 10:30 Coffee
10:30 – 12:00 Cross-disciplinary questioning
12:00 – 13:30 Lunch

Chairs: Onno Pols and Elena Rossi
13:30 – 14:30 Mix & Match: each participant finds problems that they can fix
14:30 – 15:30 Work and (group) discussion
17:00 – 18:00 to downtown of Leiden
18:00 - Dinner at Verboden Toegang

15:30 Social outing and Conference Dinner

Thursday Numerical Simulations that incorporate Tides

Chairs: Simon Portegies Zwart
09:00 – 09:30 Invited talk 1: Emeline Bolmont
09:30 – 10:00 Invited talk 2: Aurélie Astoul
10:00 – 10:30 Coffee
10:30 – 12:00 Cross-disciplinary questioning
12:00 – 13:30 Lunch

Chairs: Tjarda Boekholt and Alessandro Trani
13:30 – 14:00 Invited talk 3: Alice Quillen
14:00 – 14:30 Mix & Match: each participant finds problems that they can fix
14:30 – 15:30 Work and (group) discussion
15:30 – 16:00 Casual Discussion (Cole Johnston)
16:00 – 17:30 Report and discuss meeting

Friday Future developments / roadmap / applications

Chairs: Daniel Fabrycky
09:00 – 09:30 Invited talk 1: Yan Gao
09:30 – 10:00 Invited talk 2: Holly Preece
10:00 – 10:30 Coffee

Chairs: whole SOC
10:30 – 12:00 Workshop summary/Roadmap discussion
12:00 – 13:30 Lunch
13:30 – 14:30 Final thoughts + discussion
14:30 – 16:00 Collaboration meetings and review paper development