

MOCCIE (MOdelling Consortium for Chemistry of Indoor Environments) kick-off meeting

Date: July 19 (Wed) – 21 (Fri), 2017

Place: Rowland Hall, Room 390

Hotel: Atrium Hotel

18700 Macarthur Blvd, Irvine, CA 92612

Tel: (949) 833-2770

Participants:

| Name | Affiliation |
|------------------|-------------|
| Manabu Shiraiwa | UCI |
| Douglas Tobias | UCI |
| Pascale Lakey | UCI |
| Krista Parry | UCI |
| Nicola Carslaw | York |
| Michael Waring | Drexel |
| Donghyun Rim | PSU |
| Glenn Morrison | MTU |
| Azin Eftekhari | MTU |
| Jonathan Abbatt | Toronto |
| William Nazaroff | UCB |
| Delphine Farmer | CSU |
| Vicki Grassian | UCSD |
| Louise Kellogg | UC Davis |
| Paula Olsiewski | Sloan |

Workshop schedule

Day 1: July 19

18:30 Icebreaker

Restaurant El Torito (18512 MacArthur Blvd, Irvine, CA 92612)

Day 2: July 20

7:00 - 8:00 Breakfast at hotel

8:15 Shuttle from hotel to UCI

9:00 - 9:40 Welcome and introduction to aims of the program (Shiraiwa/Carslaw)
Overview of work packages, overall program structure

Individual model and research plans (20 min talk + 5 min discussion)

9:40 - 10:05 D. Tobias: Molecular dynamic simulations
10:05 - 10:30 M. Shiraiwa: Kinetic modeling of multiphase chemistry
10:30 - 10:50 Coffee break
10:50 - 11:15 G. Morrison: SVOC partitioning to skin/clothing
11:15 - 11:40 N. Carslaw: Gas-phase chemistry modeling
11:40 - 12:05 M. Waring: Secondary organic aerosols modeling
12:05 - 12:30 D. Rim: Computational fluid dynamics

12:30 - 1:30 Lunch @ RH 386, 390

Experimental projects: synergies and opportunities (20 min talk + 10 min discussion)

1:30 - 2:00 J. Abbatt
2:00 - 2:30 W. Nazaroff
2:30 - 3:00 D. Farmer
3:00 - 3:30 Coffee break
3:30 - 4:00 V. Grassian
4:00 - 4:30 L. Kellogg: the Deep Carbon Project and model integration
4:30 - 5:15 Discussion on integration of modeling and experiments
5:30 Shuttle to Hotel Laguna
6:00 Dinner at Hotel Laguna
425 South Coast Highway, Laguna Beach, CA 92651, (949) 494-1151

Day 3: July 21

7:00 - 8:00 Breakfast at hotel
8:15 Shuttle from hotel to UCI
9:00 - 12:00 Group discussion
- Planning on WP1, WP2, WP3
- Integration with experimental projects
- Define research visits
- HP, social media.
- Planning of next MOCCIE meeting
12:00 - 13:00 Box lunch
13:00 - 17:00 Discussion
17:30 Dinner