

Summer School on Computational Materials Science Across Scales

College Station, Texas, USA

July 20-31, 2015

Program Schedule

Sunday - July 19, 2015

Students Arrive – *Hello College Station!*

6:00 PM – Room Assignments - Wells Hall

7:00 PM – Welcome Reception Meet & Greet - Room 105 H.R. Bright Building

Monday - July 20, 2015

Classes will be held in Room 202 of the Reed-McDonald Building

8:30 AM – Introduction to the IIMEC Summer School

9:00 AM – Pedro Rivera (Cambridge, UK): Computational Thermodynamics/Kinetics

12:45 PM – Lunch

Instructional Labs will be held in Room 2109 of the Chemistry Building-Chan Wing

2:00 PM – Instructional Lab

Tuesday - July 21, 2015

8:30 AM – Jean-Baptiste Leblond (UPMC, Paris, France): Micromechanics of Fracture

12:45 PM – Boxed Lunch

Group Photo will be taken in front of the Jack K. Williams Administration Building immediately after lunch followed by a trip to Houston Premium Outlets for interested participants.

Wednesday – July 22, 2015

8:30 AM – Peter Entel (UDE, Germany): Quantum Mechanics

12:45 PM – Lunch

2:00 PM – Instructional Lab

Thursday – July 23, 2015

8:30 AM – Sylvie Aubry (LLNL, USA): Dislocation Dynamics

12:45 PM – Lunch

2:00 PM – Instructional Lab

Friday – July 24, 2015

8:30 AM – Tahir Cagin (TAMU, USA): Molecular Dynamics

12:45 PM – Lunch

2:00 PM – Instructional Lab

Saturday – July 25, 2015

Day trip to Johnson NASA Space Center for interested participants (\$25/person)

Monday, July 27, 2015

8:30 AM – Ricardo Lebensohn (LANL, USA): Self-consistent and Spectral Polycrystal Plasticity Modelling

12:45 PM – Lunch

2:00 PM – Instructional Lab

Tuesday - July 28, 2015

8:30 AM – Jon Guyer (NIST, USA): Phase Field Method

12:45 PM – Lunch

2:00 PM – Instructional Lab

Wednesday - July 29, 2015

8:30 AM – David McDowell (GIT, USA): Multiscale Crystal Plasticity of Microstructure Ensembles

12:45 PM – Lunch

2:00 PM – Instructional Lab

Thursday - July 30, 2015

8:30 AM – David McDowell (GIT, USA): Coarse-Grained Atomistic Simulations

12:45 PM – Lunch

2:00 PM – Instructional Lab

Friday - July 31, 2015

8:30 AM – Fodil Meraghni (Metz): Micromechanics of Heterogeneous Solids

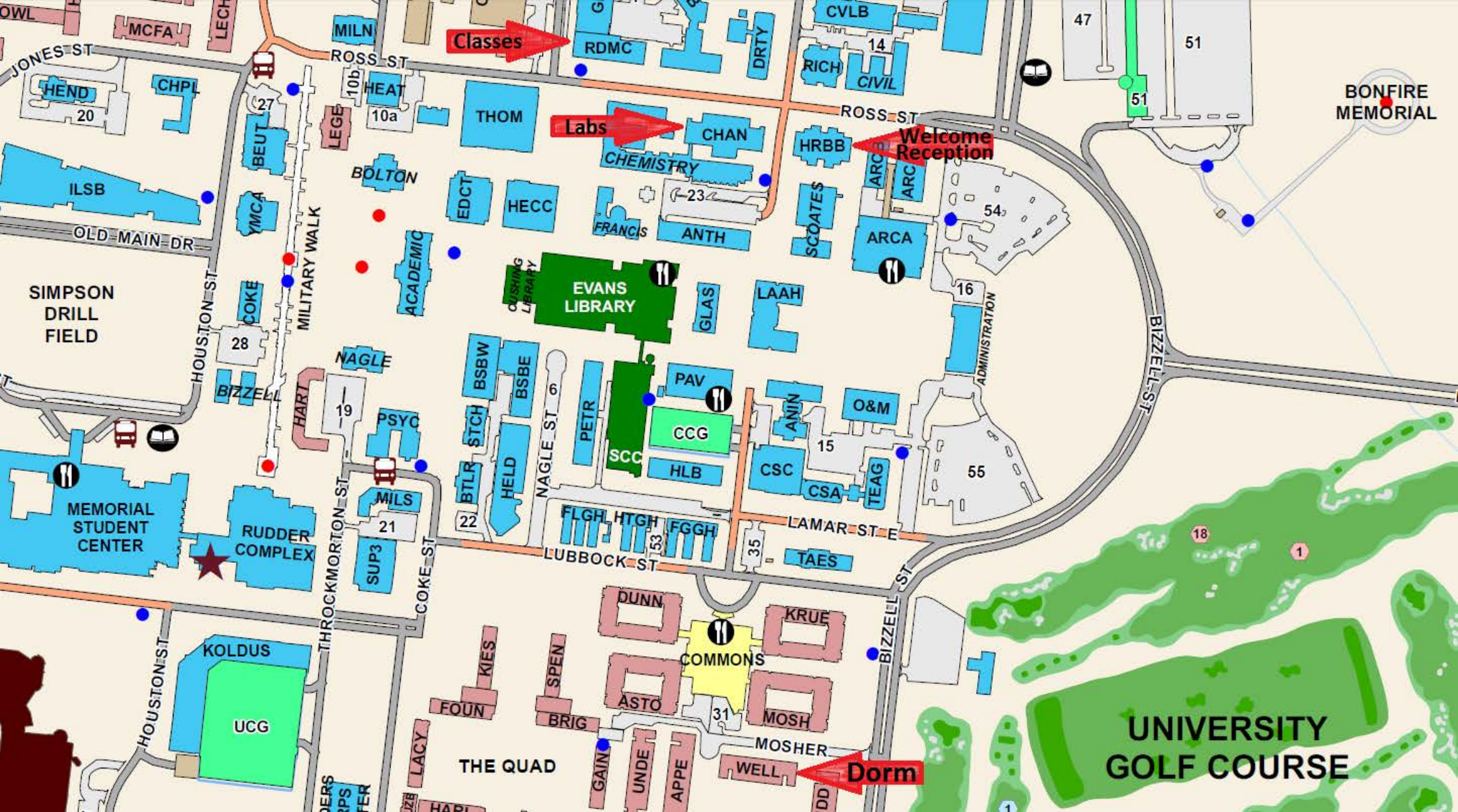
12:45 PM – Lunch

2:00 PM – Instructional Lab

Saturday - August 1, 2015

By Noon – Check-out of Rooms - turn in room keys to Ashley McCoy

Students Depart – *Goodbye and Safe Travels*



Classes

Labs

Welcome Reception

Dorm

BONFIRE MEMORIAL

UNIVERSITY GOLF COURSE

SIMPSON DRILL FIELD

MEMORIAL STUDENT CENTER

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