

AGENDA

Review Spring Visit – Year 3

C-SWARM at the University of Notre Dame

Thursday, May 11th, 2017

08:00-09:00 a.m.	Breakfast Private breakfast for RT, AST and other NNSA personnel	Pre-Function 106 McKenna
09:00-09:10 a.m.	Welcome and Introduction (Karel)	112 McKenna
09:10-10:00a.m.	Background of the Center (Karel)	112 McKenna
10:00-10:15 a.m.	Discussion	112 McKenna
10:15-10:30 a.m.	Coffee Break	Pre-Function
10:30-11:30 a.m.	Technical Overview – Computational Physics Plan (Karel)	112 McKenna
11:30-11:45 a.m.	Discussion	112 McKenna
11:45 a.m.-01:00 p.m.	Lunch for C-SWARM Private lunch for RT	Morris Inn 106 McKenna
01:00-01:30 p.m.	Full-system Impact Simulations (Emre, Sangmin, Waad)	112 McKenna
01:30-01:45 p.m.	Discussion	112 McKenna
01:45-02:25 p.m.	Computer Science Plan (Andrew & Martin)	112 McKenna
02:25-02:45 p.m.	- MTL and MTL-HPX-Solver (Marcin and Matt A.) – 10+10 min	
02:45-03:00 p.m.	Discussion	112 McKenna
03:00-03:15 p.m.	Break	Pre-Function
03:15-03:35 p.m.	Experimental Physics Plan – V&V and UQ (Joe)	112 McKenna
03:35-03:45 p.m.	- New UQ approaches – PASTA-DDM-UQ (Waad) – 10 min	
03:45-04:00 p.m.	Discussion	112 McKenna
04:00-04:15 p.m.	Walk to C-SWARM Center	
04:15-04:30 p.m.	Student/Postdoc/Staff Pitches -1 min talks from students, postdocs and staff	C-SWARM
04:30-05:30 p.m.	Poster Session with wine & Cheese – Students and Staff	C-SWARM
05:30-06:45 p.m.	RT Caucus	C-SWARM
07:00-08:30 p.m.	Dinner	Morris Inn

Friday, May 12th, 2017

08:00-09:00 a.m.	Breakfast Private breakfast for RT	Pre-Function 106 McKenna
09:00-10:48 a.m.	New Science and Engineering Highlights -c-BN (Matt B. & Joshua) – 10+10 min Discussion – 4 min -Poro-visco-plastic constitutive modeling (Alberto) – 10 min Discussion – 4 min -Chemo-thermo-mechanical modeling (Mohammad) – 10 min Discussion – 4 min -HPX – (Ezra) – 10 min Discussion – 4 min -DSeL – MTL/TTL (Luke) – 10min Discussion – 4 min - Multiscale multigrid (Dewen) – 10 min Discussion – 4 min - Adaptive wavelet algorithm (Cale) – 10 min Discussion – 4 min	112 McKenna
10:48-11:00 a.m.	Break	Pre-Function
11:00a.m-12:00 p.m.	Center Response to Questions (Karel)	112 McKenna
12:00-01:00 p.m.	Lunch for C-SWARM Private lunch for RT	Morris Inn 106 McKenna
01:00-01:30 p.m.	Additional Items (Karel) -Students Recruiting and Internship Program -Impact of the Center on the University (Gretar) -Educational Program (Gretar)	112 McKenna
01:30-04:00 p.m.	Private RT deliberation	106 McKenna
CENTER MANAGEMENT AND AST		
01:30-02:30 p.m.	Break	
02:30-03:00 p.m.	SSC and AST Discussion	112 McKenna
03:30-04:00 p.m.	Break	Pre-Function
04:00-04:30 p.m.	RT Summary for C-SWARM and NNSA	112 McKenna
04:30 p.m.	Review Ends	