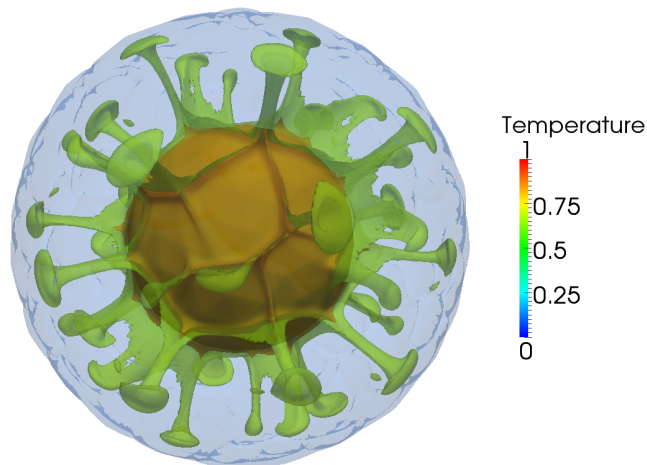


Pomme de TERRA-NEO

SPPEXA Workshop
Schlosshotel Pommersfelden
16.-18. Mai 2013



Pomme de Terra-Neo, Thursday, May 16, 2013

from 13:00	Arrival of Participants, Snacks	All
13:45	Welcome	Uli Rüde
14:00-15:30	What we have already learned and open questions Software Prototype Numerics Prototype, Fenics + Flatland Performance Engineering	Björn, Marcus Jens, Christian Holger Stengel
15:30	Coffee Break	
16:00-18:00	SISC Paper I (Concept, Alternatives, Status) Followed by Breakout Sessions in work groups	Uli, Jens, Björn All
18:30	Dinner	

Pomme de Terra-Neo, Friday, May 17, 2013

8:00	Breakfast	
9:00	Ongoing TERRA-Neo Student Projects Unconventional discretizations of the temperature equation Prismatic Elements Prototype	Björn BGCE Students Mostafa Emami, Björn
10:00	What Exa-Stencils can provide for TERRA-Neo	Harald Köstler
10:30	Coffee Break	
11:00-12:00	Textbook Multigrid Efficiency (and why we don't have it)	Uli
12:15	Lunch	
14:00-15:30	Mantle Convection Models (with or without incompressibility)	Peter, Jens
15:30	Coffee Break	
16:00-17:00	Guest Lecture (Preliminary Title): Multigrid For the Stokes Equations	Christian Wieners
17:00-18:00	Breakout Sessions in Work Groups	
18:30	Dinner	

**Pomme de Terra-Neo, Saturday, May 18,
2013**

8:00	Breakfast	
9:00-10:15	Stochastic Models (Multilevel Monte Carlo)	Barbara, Matthias
10:15	Coffee Break	
10:45-12:30	SISC Paper Project	Barbara, Uli, Björn, Jens
12:30	Lunch	
13:30	Next Steps in TERRA-Neo Discussion of Project Plan	All
15:00	Coffee and Closing	
