

Talks are 25 minutes + 5 minutes for questions

Monday		Tuesday	Wednesday	Thursday	Friday
Room	Morning: IMAG Auditorium Afternoon: Seminar 1+2	IMAG auditorium	IMAG auditorium	Seminar rooms 1+2	IMAG Seminar rooms 1+2
9:00			Novel grid capabilities in GFDL's dynamical core FV3 (Joseph Mouallem)	CGDycore - A continuous spectral element dynamical core in Julia (Oswald Knoth)	
9:30			Coupling simple dry physics to a dynamically adaptive global atmosphere model (Nicholas Kevlahan)	An IMEX-DG solver for atmospheric dynamics based on deal.II framework (Giuseppe Orlando)	Balanced data assimilation with a blended numerical model (Ray Chew)
10:00		Development of a Global-regional-unified Model for the Atmosphere on the Yin-Yang Grid (Xindong Peng)	Physics-Dynamics-Chemistry Coupling with components of different resolutions in LFRic (Alex Brown)	An iterative Method for the elliptic equation in the GEM Model (Abdessamad Qaddouri)	New Version of the GRAPES_GFS Dynamic Core Based on the Predictor-Corrector Time Integration Scheme (Yong Su)
10:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:00	Welcome talk	11:00 - Mini pitches & poster exhibition (Matthieu Brachet, Takeshi Enomoto, Koji Ogasawara, Karina Kowalczyk, Francesco Tucciarone)	Derivation and calibration of consistent Eddy-Diffusivity Mass-Flux parameterizations for ocean models (Manolis Perrot)	Fast Summation for the Barotropic Vorticity Equations (Anthony Chen)	Upstream biased momentum advection on a Voronoi C-staggered mesh (Almut Gassmann)
11:30	Implicit Time Stepping for Advection and Gravity Waves (Hilary Weller)	11:45 - Group photo	Casimir-dissipation stabilized stochastic rotating shallow-water equations on the sphere (Werner Bauer)	Algorithmic and code improvements in the SL-AV global atmosphere model (Mikhail Tolstykh)	Recent progress in discrete exterior calculus for GFD models (Eldred Christopher)
12:00	A Comparison of Spectral Deferred Correction, Multistep and Runge-Kutta Methods for the Rotating Shallow Water Equations (Joscha Fregin)	Entropy and energy conservation for thermal atmospheric dynamics using mixed compatible finite elements (David Lee)	Developing consistent subgrid-scale representations by multi-scale finite elements (Joern Behrens)	earlier Lunch	Rossby wave nonlinear interactions and the generation of low-frequency atmospheric oscillations (Pedro Peixoto)
12:30	Lunch	Lunch	Lunch	Lunch	Final words + Lunch
14:00	(In IMAG Seminar rooms 1+2) Panel discussion	Test Results from the Deep-atmosphere Configuration of the HOMME Dynamical Core (Owen Hughes)	Towards a finite volume discretization of the atmospheric surface layer consistent with physical theory (Simon Clement)	Social afternoon	
14:30	The effect of linear dispersive errors on nonlinear time-stepping accuracy in weather and climate PDEs (Timothy Andrews)	A well-balanced multi-moment constrained finite volume method for nonhydrostatic atmospheric flow (Xingliang Li)	The Discontinuous Galerkin method: comparison of two Euler equation sets (Michael Baldauf)		
15:00	Status and perspectives of the temporal scheme of the AROME model (Thomas Burgot)	Moisture with Gusto: test cases in moist shallow water models using the Gusto dynamical core toolkit (Nell Hartney)	A Solution to the Trilemma of the Moist Charney-Phillips Staggering (Thomas Bendall)		
15:30		Coffee break			
16:00	Energy-Conserving Time Integration in a Cloud-Resolving Atmospheric Model (Maciej Waruszewski)	Finite-Volume Transport in GungHo (James Kent)	Data-driven spectral stochastic modeling for ideal hydrodynamics (Sagy Ephrati)		
16:30	Structure-preserving numerical methods for quasi-geostrophy on the sphere (Erwin Luesink)	Towards thermodynamics-agnostic dynamical cores and test cases (Thomas Dubos)	Causes and Effects of Dissipation in Dynamical Cores (Christiane Jablonowski)		

**Ice breaker
18:30 - 20:30**

**Conference dinner
19:00 - 21:00**

All hyperlinks available directly in PDF!

Venue: IMAG / Laboratoire Jean Kuntzmann
700 Avenue Centrale
38400 Saint Martin d'Hères

Presentations are on the ground floor.

Attention: **Presentation room changes** between **IMAG Auditorium** and **IMAG Seminar rooms 1+2**

We **highly recommend using this Google Maps link** to find the venue since there are buildings called very similar.

Ice breaker: Le Martin's cafe
(Monday 18:30 - 20:30) 401 Av. de la Bibliothèque
38400 Saint Martin d'Hères
(5 Minute footwalk away from venue)

(Google Maps link)

Social event: Depending on what you **signed up for!**
(Thursday afternoon) **No signing up, no tour!**

Guided Visit: Fort de la Bastille (17:30 - 18:30): [Google Maps link](#)

Guided Visit: Grenoble Historique (16:00 - 17:30): [Google Maps link](#)

Via ferrata to the Bastille (13:00 - 16:00): [Google Maps link](#)

Conference dinner: **O2 Restaurant**
(Thursday evening 19:00 - 21:00) 5 Fort de la Bastille
38000 Grenoble
(Google Maps link)

Tickets to the téléphérique (Cable car) included to get up to this restaurant.

Meeting point at 18:45 at the téléphérique ([Google Maps link](#))