Tackling global challenges by the use of HPC / HPDA and AI

At the **HiPEAC 2021**, on 18-20 January 2021

Workshop on **Wednesday 20 January 2021**, **15:00 – 18:30 CET** - online

Register at: https://www.hipeac.net/2021/budapest/#/

For more information see: https://hidalgo-project.eu/hipeac-workshop-2021

Time (CET)	Topic	Presenter / Chair	
Chair: Robert Elsässer, University of Salzburg, AT			
15:00 – 15:30	Introduction to the Project HiDALGO, its Services and its Portal	Sergiy Gogolenko, *High-Performance Computing Center, Stuttgart, DE*	
15:30 – 16:00	Simulating the Spread of Covid-19 in Urban Areas	Derek Groen, *Brunel University of London, UK, HiDALGO project*	
16:00 – 16:10	*Coffee break*		
Chair: *Derek Groen, Brunel University of London, UK*			
16:10 – 16:40	Preparing European Weather and Climate Models for Exascale	Florian Ziemen, *DKRZ, Hamburg, DE, ESiWACE project*	
16:40 – 17:10	Resilient Cities: Following the Path Towards Sustainable Development Goals	Fabian Dembski, *Competence Centre for Global Systems Science BW, DE*	
17:10 – 17:20	*Coffee break*		
Chair: *Sergiy Gogolenko, High-Performance Computing Center, Stuttgart, DE*			
17:20 – 17:50	Route Pruning Algorithm for Location Graph Construction	Christoph Schweimer, *KNOW-Center, Graz, AT, HiDALGO project*	
17:50 – 18:30	Round table: How can we solve Global Challenges through HPC / HPDA / AI?	Chair: Lara López, *ATOS Spain, ES, HiDALGO project*	All presenters

Ludger Benighaus, *Dialogik gGmbH, Stuttgart, DE,* will gladly answer your questions regarding the workshop at lbenighaus@dialogik-expert.de

HiDALGO advances HPC, HPDA and AI technologies in order to improve data-centric computation in the domain of Global Challenges.
Find out more at https://hidalgo-project.eu/!