

HPC and Big Data Technologies for Global Challenges



Plenary Meeting
May 2020
Monday, 18th – Wednesday, 20th
Athens
Remote

Objectives

The third plenary meeting of HiDALGO follows the previous ones, including the kick-off meeting. This meeting sets the course for the year 2 and 3 developments as well as the first official review to happen in September 2020. Consequently, the main goals for this meeting are the following:

- Get an understanding of the current status of the project and evaluate the steps taken
- Update the set of requirements that we have, especially taking into account the last changes in the context of the project, like the COVID-19
- Review technical developments after the definition of the requirements and the workflow
- Discuss about the parallelization roadmap, so we'll achieve our objectives by the end of the project
- Discuss about the HiDALGO market opportunities and link the requirements of WP2 to the technical tasks
- Work out a strategy to generate the required impact (e.g. future application stakeholders, community building, associated partners, Heterogeneity Alliance, social media, etc.)
- Define a plan for HiDALGO year 2-3, taking into account the interim review feedback and the ideas for the review
- Prepare the first official review to happen in September.

This will require to:

- Understand and review the technology baseline for all implementations and the current status
- Review the Key Performance Indicators to evaluate the current status of the project and to take actions
- Agree on a more detailed cooperation between the technical and the business / outreach oriented work packages
- Implement a strategy that can update requirements and that can implement an adequate parallelization roadmap
- Discuss about the open points in the technical work, reaching any required agreement
- Plan HiDALGO outreach events and dissemination opportunities in order to disseminate the HiDALGO message

Venue

Date and time

18.05.2020, 10:00 CEST – 20.05.2020 17:00 CET

Location

Remote – Circuit sessions

Dinner Location

At home

Agenda

Monday, 18th May 2020

10:00-11:00	Welcome, Overview and Status <ul style="list-style-type: none">• Logistics – ATOS (5 min)• Overview of the meeting – Javi N. (5 min)• Administrative/Management status – Javi N. (15 min)• Technical status – Sergiy G. (25 min)	Chair: ATOS
11:00-12:30	WP3 – Exascale HPC and HPDA System Support <ul style="list-style-type: none">• Current status of the WP – PSNC (10 min)• Benchmarking, scalability, optimization – PSNC (10 min)• HPDA and data management – ICCS (15 min)• Visualization discussion – USTUTT (10 min)• Coupling technologies – BUL (15 min)• Demonstrations – ALL (20 min)• Y2+Y3 Plans – PSNC (10 min)	Chair: PSNC
12:30-14:30	Lunch	
14:30-16:00	WP4 – Pilot Applications <ul style="list-style-type: none">• Current status of the WP – BUL (10 min)• Use Cases Status – WP4 partners (30 min)• COVID-19 Simulations – BUL+ALL (30 min)• Coupling – ECMWF (20 min)	Chair: BUL
16:00-16:15	Coffee Break	
16:15-17:30	WP4 – Pilot Applications <ul style="list-style-type: none">• Other aspects (i.e. external collaboration) – BUL (10 min)• Demonstrations – ALL (20 min)• Y2 + Y3 Plans – ALL (40 min)	Chair: BUL

Tuesday, 19th May 2020

9:30-11:00	WP5 – Centre Implementation and Operation <ul style="list-style-type: none">• Current status of the WP – USTUTT (10 min)• HiDALGO Portal – ATOS (30 min)• HPC Technology innovation – PSNC (10 min)• Support – USTUTT (10 min)• Demonstrations – ALL (20 min)	Chair: USTUTT
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	<ul style="list-style-type: none"> • Y2+Y3 Plans – USTUTT (10 min) 	
11:00-11:30	Coffee Break	
11:30-13:00	Parallelization Roadmap <ul style="list-style-type: none"> • Current scalability of the pilots/tools – Marcin (20 min) • Objectives towards the end of the project – ALL (20 min) • HiDALGO and Pre-Exascale systems – ALL (10 min) • Collaboration with POP – ALL (10 min) • Open discussion – ALL (20 min) • Y2+Y3 Plans – ALL (10 min) 	Chair: Marcin
13:00-14:30	Lunch	
14:30-15:45	WP7 – Event Management and Collaboration <ul style="list-style-type: none"> • Concept / approach, what has been done and plans for near future – Alex G. (20 min) • Associated partners (procedure, benefits, etc.) – Alex G. (20 min) • Summer school and workshop with the CoEs – Alex G. (15min) • Discussion on how to boost collaboration and on future events – ALL (20 min) 	Chair: DIA
15:45-16:00	Coffee Break	
16:00-17:00	WP7 – Outreach: <ul style="list-style-type: none"> • Current status of the WP – PLUS (15 min) • Information about the outreach channels – PLUS (15 min) • Discussion on how to boost collaboration and outreach, HA and ICT 2020 Exhibition – ALL (20 min) • Y2+Y3 Plans – PLUS (10 min) 	Chair: PLUS

Wednesday, 20th May 2020

9:30-11:00	WP6 – Requirements Evolution and Component Integration <ul style="list-style-type: none"> • Current status of the WP – KNOW (10 min) • HiDALGO requirements and update process – KNOW + ICCS (10 min) • HiDALGO workflow – KNOW (10 min) • AI support discussion – KNOW + ICCS (20 min) • Marketplace – KNOW + ATOS (15 min) • Component and data integration – USTUTT (15 min) • Y2 + Y3 Plans – KNOW (10 min) 	Chair: KNOW
11:00-11:30	Coffee Break	
11:30-13:00	WP2 – Business Activities <ul style="list-style-type: none"> • Market assessment – Lara L. (10 min) • WP2 integration and requirements – Lara L. (20 min) 	Chair: ATOS

	<ul style="list-style-type: none"> • Services and business models – Lara L. (20 min) • Opportunities – Lara L. (10 min) • IPR processes – Lara L. (10 min) • Y2+Y3 Plans – Lara L. (20 min) 	
13:00-14:30	Lunch	
14:30-15:15	HiDALGO Key Performance Indicators <ul style="list-style-type: none"> • List of current KPIs – Sergiy (10 min) • Current values of the KPIs and deviations – ALL (15 min) • Y2 + Y3 Plans – Marcin L. (20 min) 	Chair: PSNC & USTUTT
15:15-16:45	HiDALGO 1st Official Review <ul style="list-style-type: none"> • Format of the review – ATOS (15 min) • How to address the topics of the review – ATOS (30 min) • Demos to be ready – USTUTT (15 min) • Plan towards the review – ATOS (30 min) 	Chair: ATOS
16:45-17:00	Coffee Break	
17:00-17:30	WP1 & General Assembly <ul style="list-style-type: none"> • Introduction to the WP and project status – Javi N. (10 min) • Amendment – Javi N. (10 min) • Replacements – Javi N. (5 min) • Votes and finalization – ALL (5 min) 	Chair: ATOS