

# Status of the Project

Julian M. Kunkel

Scientific Computing  
Department of Informatics  
University of Hamburg

2017-03-20



# Agenda

15:30 Welcome / project status: Julian

15:45 Reports from sites (results and issues 2016; perspectives 2017)

15:45 UHAM (Nabeeh, Anastasiia)

16:15 IPSL (Thomas)

16:45 Riken/Tokyo (Naoya)

17:15 WP3 Evaluation: Yashiro

17:25 Discussion

18:00 *End*

# Goals of this Meeting

- Adjust project content, if necessary
- Clarify (re-discuss) responsibilities and means for collaboration
- Discuss and identify joint strategy to achieve the project goals
  - Ensure that we have a plan to implement the goals
  - Especially for 2017

# Status of the Overall Schedule

## Hiring

- UHAM: Nabeeh, Anastasiia: begin 2016-03 (+3 month)
- IPSL: (+6 month late in hiring) funding period 2016-01-01 until 2018-12-31
- Riken: funding period 2016-01-01 – 2018-03-31

Official project start: +3 month

# WP1

## Deliverables

- M15 D1.1 Model-specific dialect formulations
- M24 D1.2 Report and whitepaper: DSL concepts for icosahedral models
- M36 D1.3 Report and code: Advanced source-to-source translation tools

## Promised participation

- Ludwig: 15
- Dubos: 4
- Maruyama: 11
- Aoki: 14

# WP2

## Deliverables

- ~~M12 D2.1 Data formats for ICO data~~ / Funding cut
- M8 D2.2 Report: compression concepts and API – M8 (DONE)
- M18 D2.3 Report and code: compression API (and test applications)
- M24 D2.4 Report and code: best-practices to determine variable accuracy
- M24 D2.5 Report: Optimization potential in ICO formats (we may do it?)
- M36 D2.6 Report and code: lossy compression schemes

## Promised participation

- Ludwig: 13
- Dubos: 20
- Maruyama: 5
- Aoki: 0

# WP3 Deliverables

## Deliverables

- M12 D3.1 Report and code: mini-IGCMs version 1
- M24 D3.2 Report and code: mini-IGCMs version 2
- M36 D3.3 Report and code: mini-IGCMs
- M36 D3.4 Report: Performance results and conclusions

## Promised participation

- Ludwig: 6
- Dubos: 5
- Maruyama: 9
- Aoki: 11

# WP4 Deliverables / Milestones

## Deliverables

- M12/24/36 Annual reports

## Milestones

- 1 M6 Kernels of the models are extracted (DONE)
- 2 M12 API draft for flexible I/O is ready (DONE)
- 3 M18 First package of mini-IGCMs is available
- 4 M30 DSL Evaluation results of a diverse set of architectures are available



