



The Thalis-DIBOSON Project

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The goals of this meeting (I)

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- **To get to know each other !**

- ▶ This is an opportunity to meet the new post-docs and PhD students in our groups
- ▶ 3 Post-docs (S. Chouridou, A. Psallidas and D. Bachas) and 1 PhD student (A. Gaitatzis) are fully funded by the project
- ▶ 1 PhD student (D. Kyriazopoulos) is a Joint PhD with Sheffield is partially funded by Thalis
- ▶ Other PhD (V. Kouskoura, I. Nomidis, S. Aggelidakis) and/or Master (O. Sidiropoulou) students are not funded by the project but they are members of the OES and contribute to the project. In different occasions we cover their travel expenses
- If there are more we urgently need to declare them in our OES (see presentation by Dina Papageorgiou)

- **To get to know the work of the people on the project (in particular the work of those paid by it)**

- ▶ Some of them have already presented their work at this conference/workshop
- ▶ The others will have an opportunity to do it in today's meeting



The goals of this meeting (II)

- To assess the progress of the project and to identify some weak points on our Research plans
- To appoint the Management team: VWP managers and Institute Board (IB) and agree on their responsibilities
- To identify and discuss any problems in the realization of the project, of administrative and bureaucratic type and see how to handle it best



The Research Activities and proposed managers

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▶ Research Activity I (Δραση I)

- Includes:
 - Analysis Object Validation (electrons, muons, photons, Jets and Missing ET)
 - Detector validation and performance
 - Data quality, service work and shifts of all types
- Proposed managers: Andreas Psallidas from Democritos and Dimos Sampsonidis from AUTH

▶ Research Activity II (Δραση II)

- Includes All Diboson analysis:
 - precision x-section measurements, Background estimates, systematics, MC generator tuning, unfolding distributions (For the moment ZZ and WZ are studied by the ATLAS groups -with some work starting on Zgamma- and Zgamma/Wgamma??? studied by the CMS group.
 - Indirect searches for new physics with aTGC's
 - Direct searches for exotics with Dibosons
- Proposed managers: Sofia Chouridou from UoA and Dinos Bachas from AUTH



The Research Activities and proposed managers

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▶ Research Activity III (Δραση III)

- Performance of the MM prototypes (Performance of the VMM-electronics) (Integration in ATLAS DAQ)
- MM simulation for the NSW upgrade
- Test beam data analysis (behaviour in magnetic field, resolution etc)
- Proposed managers: Thodoros Geralis from Democritos and Antonis Leisos from HOU

▶ Research Activity 5 : Dissemination

- Includes:
 - all publications, presentations at Collaboration meetings
 - invited seminars
 - Talks at conferences
 - Outreach talks
- Proposed managers: Chara Petridou and Dina Papageorgiou from AUPh

