

NEW IT-SC GROUP

SFT Group Meeting
15 Jun 2020

Dirk Duellmann

NEW SC GROUP IN IT

- S.cientific computing C.ollaborations

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- Hardly new faces or tasks, but experienced team re-grouped in 3 sections:
 - WLCG project office
 - WLCG operations team
 - R&D on optimisation and s/w portability

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 - financial implementation of the plans

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 - content management & keeping it all together

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- {formally, many projects contacts}

DATA PRESERVATION

- Taking over progressively from Jamie Shiers
 - Upcoming [PV2020](#) conference at CERN (if these events still exist)
 - Data & Analysis preservation workshop [indico](#)
- Involved in CERN Open Data Policy working group with LHC experiments
- Plan for active participation in [DPHEP](#)
 - eg impact of data privacy regulations on older experiment data

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- Experiment

ALICE liaison

Maarten

ATLAS computing coordination

Alessandro

CMS liaison

Panos

LHCb liaison

Andrea V

PROJECTS

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 - Computing Information Resource Catalog used by [WLCG](#), [CMS](#) and [ATLAS](#)
- SIMPLE - **Maarten & Mayank**
 - deployment and management of containerised services at data centres [GitHub](#)

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 - need a rational & realistic technical plan for probing what can be done
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- We (IT & SC) want to contribute and gain more first hand experience
 - eg to help testing and improve existing IT services
 - to contribute selecting possibly disruptive new services based on real applications

PROJECTS

- SIDIS - **Stefan**
 - software institute for data intensive sciences [website](#)
- MadGraph on GPU - **Stefan** and **Andrea V**
- Data access analytics: popularity, caching, EC - **Andrea S** and **Olga**
- DOMA Data Lake and ESCAPE - **Xavier & Aris, Riccardo, Rizart** and others
- Cost-modelling and benchmarking - **Markus & Andrea S**
- Data cache implementation - **David**
- Geant on GPU - happy about our **new hire!**
 - interested in forming to GPU technology oriented exchange forum
- Optimise latest NTuple access to latest Storage - with **IT-ST** and **SFT** experts
 - restarting discussion at RNTuple [mini-workshop](#)

WHY AM I HERE?

- Thanks for the invitation...

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 - interface between science and computing
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- Close collaboration helps both groups to support the science users



THANKS!



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- Comments/Questions?