

Spring SKACH Consortium Meeting



Report of Contributions

Contribution ID: 66

Type: **not specified**

Welcome and Introduction

Tuesday, 24 May 2022 10:00 (10 minutes)

Welcome and Introduction to the Spring SKACH Consortium Meeting

Presenter: PROF. ALEXANDRE REFREGIER

Session Classification: Morning Session

Track Classification: Consortium Management: Welcome and Introduction

Contribution ID: 67

Type: **not specified**

SKACH Governance

Tuesday, 24 May 2022 10:10 (15 minutes)

Presenter: CRICHTON, Carolyn

Session Classification: Morning Session

Track Classification: Consortium Management: Consortium Update

Contribution ID: **68**

Type: **not specified**

Work Packages and Getting Involved

Tuesday, 24 May 2022 10:25 (15 minutes)

Presenter: Mr KÖGL, Stefan

Session Classification: Morning Session

Track Classification: Consortium Management: Consortium Update

Contribution ID: 69

Type: **not specified**

Outreach Program Overview

Tuesday, 24 May 2022 10:40 (20 minutes)

Presenter: CRICHTON, Carolyn

Session Classification: Morning Session

Track Classification: Outreach and Communications: Outreach Program Overview

Contribution ID: 70

Type: **not specified**

Instrumentation Program Overview

Tuesday, 24 May 2022 11:00 (15 minutes)

Presenter: BOVEY, Dominique (HES-SO/HEIG-VD)

Session Classification: Morning Session

Track Classification: Instrumentation: Instrumentation Program Overview

Contribution ID: 71

Type: **not specified**

Architecture of a MID-band 6 / multi-band radioastronomy receiver system

Tuesday, 24 May 2022 11:15 (15 minutes)

Presenter: BOVEY, Dominique (HES-SO/HEIG-VD)

Session Classification: Morning Session

Track Classification: Instrumentation: Architecture of a MID-band 6 / multi-band radioastronomy receiver system

Contribution ID: 72

Type: **not specified**

Computing Platforms and Infrastructure Program Overview

Tuesday, 24 May 2022 13:00 (30 minutes)

Presenter: Mr HOLANDA, Victor (CSCS)

Session Classification: Afternoon Session

Track Classification: Computing Platforms and Infrastructure: Computing Platforms and Infrastructure Program Overview

Contribution ID: 73

Type: **not specified**

Hydrodynamics with gravity in SPH-EXA

Tuesday, 24 May 2022 14:10 (10 minutes)

Presenter: Dr KELLER, Sebastian (ETHZ)

Session Classification: Afternoon Session

Track Classification: Computing Platforms and Infrastructure: Hydrodynamics with gravity in SPH-EXA

Contribution ID: 74

Type: **not specified**

Simulations and Data Science Program Overview

Tuesday, 24 May 2022 13:30 (15 minutes)

Presenter: TOLLEY, Emma (EPFL)

Session Classification: Afternoon Session

Track Classification: Data Science and Simulations Program: SKACH Data Science Program Overview

Contribution ID: 75

Type: **not specified**

Karabo: The SKA Digital Twin

Tuesday, 24 May 2022 13:45 (10 minutes)

Presenter: Mr FELIX, Simon (FHNW)

Session Classification: Afternoon Session

Track Classification: Data Science and Simulations Program: Karabo: The SKA Digital Twin

Contribution ID: 76

Type: **not specified**

Image-Domain Gridding porting to HIP

Tuesday, 24 May 2022 13:55 (10 minutes)

Presenter: CORDA, Stefano (EPFL)

Session Classification: Afternoon Session

Track Classification: Data Science and Simulations Program: Image-Domain Gridding porting to HIP

Contribution ID: 77

Type: **not specified**

Scientific Visualization for the SRCs

Tuesday, 24 May 2022 14:05 (5 minutes)

Presenter: Dr DAS, Arpan (EPFL)

Session Classification: Afternoon Session

Track Classification: Data Science and Simulations Program: Scientific Visualization for the SRCs

Contribution ID: 78

Type: **not specified**

Science Program Overview

Tuesday, 24 May 2022 14:35 (8 minutes)

Presenter: Dr DESSAUGES-ZAVADSKY, Mirka (UniGe)

Session Classification: Afternoon Session

Track Classification: Science Program: Science Program Overview

Contribution ID: 79

Type: **not specified**

Interpretation framework for SKA observations

Tuesday, 24 May 2022 14:45 (16 minutes)

Presenter: Dr KUMAR GIRI, Sambit (UZH)

Session Classification: Afternoon Session

Track Classification: Data Science and Simulations Program: Interpretation framework for SKA observations

Contribution ID: **80**

Type: **not specified**

Solar Science with SKA

Tuesday, 24 May 2022 15:05 (8 minutes)

Presenter: SHARMA, Rohit (FHNW, Windisch)

Session Classification: Afternoon Session

Track Classification: Science Program: Solar Science with SKA

Contribution ID: **81**

Type: **not specified**

Synergies between SKA and LISA

Tuesday, 24 May 2022 15:45 (8 minutes)

Presenter: Prof. MAYER, Lucio (University of Zurich)

Session Classification: Afternoon Session

Track Classification: Science Program: Synergies between SKA and LISA

Contribution ID: 82

Type: **not specified**

Galaxies at cosmic noon: what will SKA1-MID see?

Tuesday, 24 May 2022 15:15 (8 minutes)

Presenter: Dr SARGENT, Mark (International Space Science Institute (ISSI))

Session Classification: Afternoon Session

Track Classification: Science Program: Galaxies at cosmic noon: what will SKA1-MID see?

Contribution ID: 83

Type: **not specified**

The impact of the smallest galaxies on the EoR

Tuesday, 24 May 2022 15:25 (8 minutes)

Presenter: Dr REVAZ, Yves (EPFL)

Session Classification: Afternoon Session

Track Classification: Science Program: The impact of the smallest galaxies on the EoR

Contribution ID: 84

Type: **not specified**

Post-reionisation 21cm Cosmology - Sky and Instrument Simulation

Tuesday, 24 May 2022 15:35 (8 minutes)

Presenter: DR. DEVIN CRICHTON

Session Classification: Afternoon Session

Track Classification: Science Program: Post-reionisation 21cm Cosmology - Sky and Instrument Simulation

Contribution ID: **86**

Type: **not specified**

Closing

Tuesday, 24 May 2022 15:55 (5 minutes)

Presenter: CRICHTON, Carolyn

Session Classification: Afternoon Session

Track Classification: Closing: Closing