

Sunday, July 11, 19:00: **Welcome reception and registration at the AIP**

Monday, July 12

8:00 – 9:00 Registration and poster preparation
9:00 – 9:10 Welcome and aim of the Thinkshop (*K. G. Strassmeier*)

Project Overviews and Scientific Rationales

(Chairs: B. Reipurth & K. Horne)

9:10 – 9:40 Session Chair Introduction (*B. Reipurth*)
D. Dravins, Lund Observatory, Sweden
The time domain: a new window to the Universe!

9:40 – 10:10 *F. Pepe*, Geneva Observatory, Switzerland
Radial velocities from automated telescopes

10:10 – 10:30 *J. Baruch*, Bradford University, U.K.
Robotic telescopes and the public

10:30 – 11:00 **Coffee/Posters**

11:00 – 11:30 *M. I. Andersen*, AIP Potsdam, Germany
Gamma-ray burst optical follow ups with robotic telescopes

11:30 – 12:00 *M. Rodonò*, INAF Rome, Italy
Stellar activity and the long-term use of robotic telescopes

12:00 – 13:55 **Lunch**

13:55 – 14:00 Session Chair Introduction (*K. Horne*)

14:00 – 14:30 *R. Bender*, MPE Garching, Germany
Unsolved problems in observational astronomy - I
Focus on “imaging (all-sky) surveys”

14:30 – 15:00 *R. Pallavicini/S. Randich*, INAF Palermo/Arcetri, Italy
Unsolved problems in observational astronomy - II
Focus on “spectroscopy”

15:00 – 15:30 *T. Vestrand*, Los Alamos National Laboratory, U.S.A.
Unsolved problems in observational astronomy - III
Focus on “rapid response”

15:30 – 16:00 **Coffee**

16:00 – 18:00 Thinkshop discussion (chairs+previous speakers)
Topic: “Unsolved problems”: *Poster summary/Short presentations*

Tuesday, July 13

Technical Innovations / Early Results

(Chairs: D. Dravins & M. Rodonó)

- 8:55 – 9:00 Session Chair Introduction (*D. Dravins*)
- 9:00 – 9:30 *K. Horne*, University of St. Andrews, U.K.
Wide-field imaging projects for the search for
extra-solar planets (overview)
- 9:30 – 10:00 *T. Granzner*, AIP Potsdam, Germany
What makes an automated telescope robotic?
- 10:00 – 10:40 **Coffee/Posters**
- 10:40 – 11:00 *I. A. Steele*, Liverpool University, U.K.
The Liverpool telescope
- 11:00 – 11:20 *J. A. Eaton*, Tennessee State University, U.S.A.
Managing the operations of the TSU 2-m automatic
spectroscopic telescope
- 11:20 – 11:40 *K. G. Strassmeier*, AIP Potsdam, Germany
STELLA: a robotic observatory for Tenerife
- 11:40 – 12:00 *R. Hessman*, Universität Göttingen, Germany
The MONET project
- 12:00 – 13:55 **Lunch**
- 13:55 – 14:00 Session Chair Introduction (*M. Rodonó*)
- 14:00 – 14:15 *Y. Yoshii*, Tokyo University, Japan
The MAGNUM project
- 14:15 – 14:30 *S. Covino*, INAF Brera, Italy
Recent results from the R.E.M. telescope. Part I.
- 14:30 – 14:45 *T. Vestrand*, Los Alamos National Laboratory, U.S.A.
RAPTOR: A system for mining the sky in real time
- 14:45 – 15:00 *G. Pojmanski*, Warsaw Observatory, Poland
The All Sky Automated Survey (ASAS)
- 15:00 – 15:40 **Coffee/Posters**
- 15:40 – 16:00 *R. Gelderman*, Western Kentucky University, U.S.A.
The RCT at KPNO
- 16:00 – 16:15 *S. Niedworok*, Universität Tübingen, Germany
ROTAT at OHP
- 16:15 – 16:30 *R. Street*, Queen's University of Belfast, U.K.
Super-WASP I
- 16:30 – 16:45 *J. E. Neff*, College of Charleston, U.S.A.
The Virgin Islands robotic telescope
- 16:45 – 17:00 *V. M. Lipunov*, Sternberg Institute, Moscow, Russia
MASTER: Mobile Astronomical Systems of Telescope Robots
- 18:00 - 22:00 **Conference Dinner** in the Potsdam Biosphere.

Wednesday, July 14

Data Management / Recent results and experiences

(Chairs: R. Hessman & R. Pallavicini)

- 8:55 – 9:00 Introduction: Data Management (*R. Hessman*)
- 9:00 – 9:25 *Z. Ivezić*, Princeton University, U.S.A.
Sloan Digital Sky Survey data management
- 9:25 – 9:50 *R. Albrecht*, ST-ECF Garching, Germany
HST experience in data management
- 9:50 – 10:10 *H. Deeg*, IAC La Laguna, Spain
STARE operations experience and its data quality control
- 10:10 – 10:40 **Coffee/Posters**
- 10:40 – 11:00 *W. Voges*, MPE Garching, Germany
Robotic telescopes and the Virtual Observatory
- 11:00 – 11:20 *M. Weber*, AIP Potsdam, Germany
Automated data reduction and archiving for STELLA
- 11:20 – 11:40 *A. Grado*, INAF Capodimonte, Italy
Pipeline and data management for the VST
- 11:40 – 12:00 *C. Allende-Prieto*, University of Texas, U.S.A.
Automated data analysis
- 12:00 – 13:55 **Lunch**
- 13:55 – 14:00 Recent results and experiences (*R. Pallavicini*)
- 14:00 – 14:15 *S. Covino*, INAF Brera, Italy
Recent results from the R.E.M. telescope. Part II.
- 14:15 – 14:30 *D. Pérez-Ramírez*, Universidad de Jaén, Spain
nightskylive.net: The Night Sky Live project
- 14:30 – 14:45 *K. Oláh*, Konkoly Observatory, Hungary
New results with APTs: spotted stars
- 14:45 – 15:00 *M. Birlan*, IMCCE Paris, France
Solar system observations by remote observing technique:
useful experience for robotic telescope strategies
- 15:00 – 15:45 **Coffee/Posters**
- 15:45 – 16:00 *H. Rauer*, DLR Berlin, Germany
New results from BEST: the search for planetary transits
- 16:00 – 16:15 *Y. Yoshii*, Tokyo University, Japan
New results from the MAGNUM telescope on the dust distribution in AGNs
- 16:15 – 17:30 *All chairpersons*
Session Chairmen Conclusions and Discussion
- 18:00 **Walk through Sanssouci**
Meeting point: in front of the hotel, departure at 18:00, end approx. 19:30,
then various pubs/restaurants for dinner

Thursday, July 15

New Ideas/Future Projects

(Chairs: O. von der L'uhe & F. C. Fekel)

- 8:55 – 9:00 Introduction: New ideas/future projects (*O. von der L'uhe*)
- 9:00 – 9:30 *M. C. B. Ashley*, University of NSW, Australia
Robotic astronomy from Antarctica
- 9:30 – 10:00 *L. Kitchatinov*, ISZF, Irkutsk, Russia
Stellar dynamo theory and differential rotation: what to observe?
- 10:00 – 10:40 **Coffee/Posters**
- 10:40 – 11:00 *G. Handler*, University of Vienna, Austria
Asteroseismology with robotic telescopes
- 11:00 – 11:20 *N. Zacharias*, U.S. Naval Observatory, U.S.A.
Astrometric reference stars: from UCAC to URAT
- 11:20 – 12:00 *K. W. Hodapp*, IfA Honolulu, U.S.A.
The Panoramic Survey Telescope and Rapid Response System
(Pan-STARRS)
- 12:00 – 13:55 **Lunch**
- 13:55 – 14:00 New ideas/future projects, *cont.* (*F. C. Fekel*)
- 14:00 – 14:20 *O. von der L'uhe*, KIS Freiburg, Germany
Adaptive optics for robotic telescopes?
- 14:20 – 14:40 *P. Salinari*, INAF Arcetri, Italy
Adaptive telescopes in Antarctica?
- 14:40 – 15:00 *G. Tosti*, INAF & University Perugia, Italy
The Italian Robotic Antarctic Infrared Telescope (IRAIT)
- 15:00 – 15:40 **Coffee/Posters**
- 15:40 – 15:55 *K. G. Strassmeier*, AIP Potsdam, Germany
EDDINGTON goes Dome-C?
- 15:55 – 16:10 *H. Deeg*, IAC La Laguna, Spain
A Permanent All Sky Survey (PASS) for planetary transits
and for variable star tracking
- 16:10 – 17:30 *All chairpersons*
Discussions: Session Chairmen Conclusions
- 17:30 – 18:00 *AN-Wiley and AN-AIP editors*
Proceedings preparation for AN (Astron. Notes), hand-outs,
macro, MPEGs, etc.