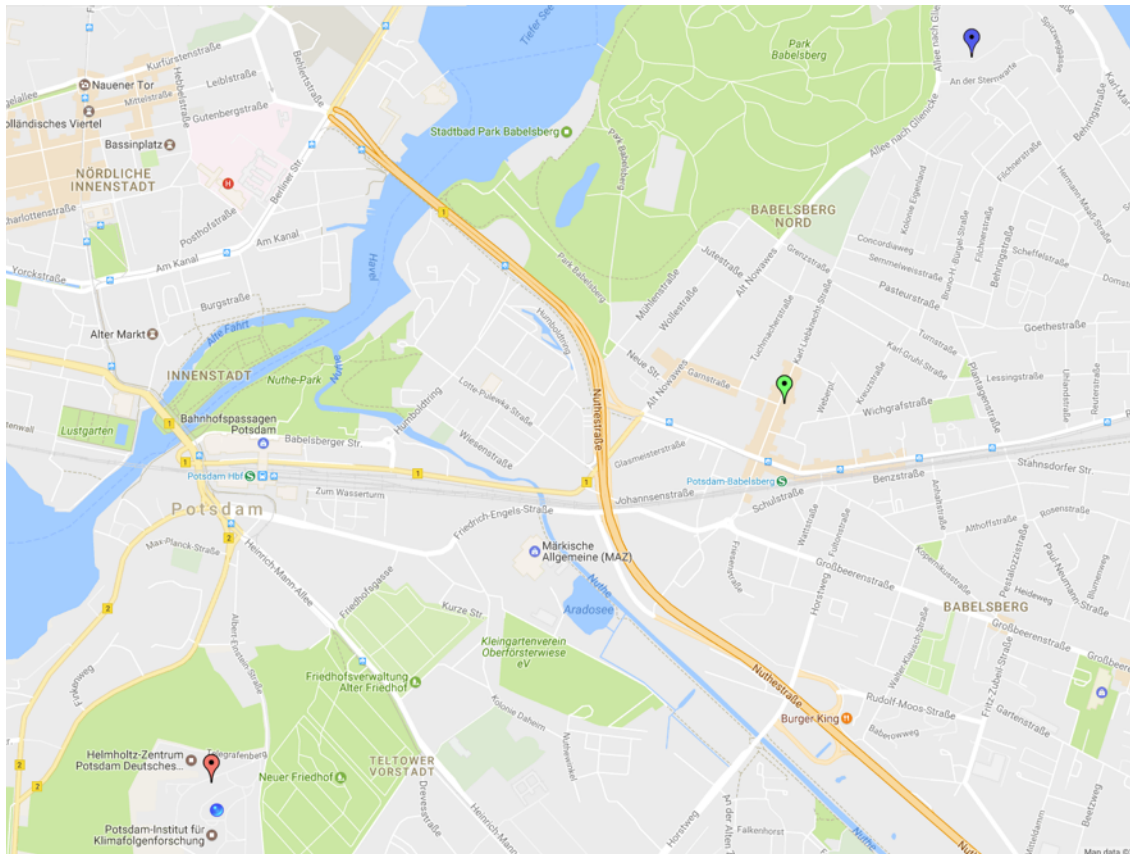


Friday 16th

Chair: Ansgar Reiners

- 9:00 **Heidi Korhonen:** Stellar magnetism in late-type stars
9:30 **Sarah Schmidt:** M dwarfs in ASAS-SN: Stellar flares from sparse cadence observations
9:50 **Stephane Vennes:** The wealth of magnetic fields in white dwarfs: Inherited or acquired?
10:20 **Oleksii Kuzmychov:** Surface magnetic field of the radio-emitting dwarf LSR J1835+3258
10:40 **COFFEE**
11:10 **Adela Kawka:** The challenges of magnetic and polluted white dwarfs
11:30 **Simon Daley-Yates:** Magnetic Exoplanets: Interacting Fields and Flows
11:50 **Krisztián Vida:** The question of habitability around TRAPPIST-1
12:10 **Thomas Ayres:** Summary of the conference

END OF THINKSHOP 14



Information

Registration and reception address:

Leibniz-Institut für Astrophysik Potsdam
An der Sternwarte 16
14482 Potsdam

Conference venue address:

Helmholtz-Zentrum Potsdam
Deutsches GeoForschungsZentrum GFZ
Telegrafenberg
14473 Potsdam

Conference dinner address:

Trattoria Zille
Karl-Liebknecht-Str. 19
14482 Potsdam

14th Potsdam Thinkshop

Stellar Magnetism: Challenges, Connections, and Prospects

June 12th - 16th, 2017
Potsdam, Germany

SOC
Sydney Barnes
Axel Brandenburg
Alfio Bonanno
Manfred Küker
Caroline D'Angelo
Swetlana Hubrig (chair)
Silva Järvinen (co-chair)
Gautier Matthes
Ansgar Reiners
Matthias Steffen
Klaus Strassmeier

LOC
Katrín Böhrs
Silva Järvinen (chair)
Arto Järvinen
Matthias Mallonn

<https://thinkshop.aip.de/14/>



Monday 12th June

- 17:00-20:00 Registration and Reception
Location: Ground floor of the
Schwarzschild House at AIP
Guided tour over the AIP campus

Tuesday 13th

- 8:30 Registration and poster installation
9:00 **Klaus Strassmeier:**
Welcome and introduction to the conference

Chair: Christopher Johns-Krull

- 9:10 **Petri Käpylä:** The origin of stellar magnetic fields
9:40 **Jörn Warnecke:** Identifying dynamo mechanism for slowly and rapidly rotating stars
10:00 **Oskar Steiner:** Small-scale magnetism of main-sequence stellar atmospheres
10:30 **Eliana Amazo-Gomez:** Understanding brightness variations of Sun-like stars on timescale of stellar rotation: A novel method to obtain stellar rotational periods
10:50 **Mariangela Viviani:** Axi- to nonaxisymmetric dynamo transition in semi-global convection models
11:10 **COFFEE**
11:40 **Antoine Strugarek:** Magnetic cycles in 3D turbulent global models of cool stars
12:10 **Thomas Ayres:** The Dynamo Clinical Trial
12:30 **Katalin Oláh:** Magnetic cycles in stars
13:00 **Timo Reinhold:** Evidence for photometric activity cycles in 3203 Kepler stars
13:20 **LUNCH**

Chair: Donald Kurtz

- 14:50 **Thorsten Carroll:** Active Regions on Sun-like Stars
15:20 **Julio Ramirez:** Using PCA-ZDI for the analysis of stellar spectropolarimetric data
15:40 **Lisa Theres Lehmann:** Connecting the large- with the small-scale surface magnetic field of solar-like stars
16:00 **COFFEE**
16:30 **Martin Stiff:** Zeeman Doppler mapping: open issues
17:00 **Oleg Kochukhov:** Magnetic and abundance mapping of early-type stars. Results, techniques, and challenges.
17:25 **Rachael Roettenbacher:** Shifting the Starspot Paradigm through Imaging Stellar Magnetism with Photometric, Spectroscopic, and Interferometric Observations
17:45 **END OF DAY**

Wednesday 14th

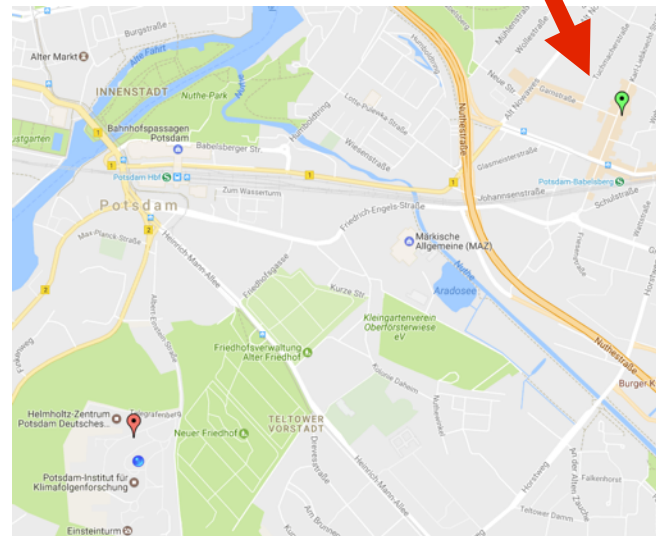
Chair: Heidi Korhonen

- 9:00 **Scott Gregory:** Magnetic field geometry and evolution in pre-main-sequence stars
9:30 **Constance Emeriau-Viard:** Origin and evolution of magnetic fields in PMS stars: influence of rotation and structural changes
9:50 **Christopher Johns-Krull:** Magnetism in Pre-Main Sequence Stars
10:20 **Silva Järvinen:** Magnetic fields in Herbig stars
10:40 **COFFEE + POSTER SESSION**

Chair: Adela Kawka

- 11:30 **Markus Schoeller:** Massive stars and their magnetic fields
12:00 **Asif ud-Doula:** Magnetic fields in massive stars and magnetically confined winds
12:30 **Manfred Küker:** Mass loss of magnetic massive stars: Numerical simulations with the Nirvana code
12:55 **Aleksandr Kholtygin:** Statistics of magnetic field measurements and evolution of magnetic fields of OBA stars
13:15 **Zdenek Mikulasek:** Differential rotation in magnetic chemically peculiar stars of the upper main sequence
13:45 **LUNCH**
FREE AFTERNOON + Guided tour of the Einstein Tower

18:00 **CONFERENCE DINNER** in Trattoria Zille
Karl-Liebknecht-Str. 19
14482 Potsdam



Thursday 15th

Chair: Zdenek Mikulasek

- 9:00 **Ernst Paunzen:** Photometric detection of the global (organized) magnetic field in upper main-sequence stars
9:30 **Miroslav Jagelka:** Global study of photometric spot distribution on magnetic chemically peculiar stars
9:50 **Evgenii Semenko:** New general database of the mCP stars
10:10 **Iosif Romaniuk:** Magnetic Stars in Orion OB1 Association
10:30 **Donald Kurtz:** Why isn't KIC 11145123 an Ap star?
10:50 **COFFEE + POSTER SESSION**

Chair: Katalin Oláh

- 11:40 **Svetlana Hubrig:** Upper main sequence binaries with magnetic components
12:00 **Thomas Hackman:** Rotation and spot activity of solar-type stars from long-term monitoring
12:30 **Sydney Barnes:** Rotation of cool stars in open clusters: characteristics and trends
12:50 **Patryk Iwanek:** The largest modern analysis of chromospherically active stars towards the Galactic Bulge
13:10 **Dario Fritzewski:** Stellar rotation in NGC 3532
13:30 **LUNCH**

Chair: Oskar Steiner

- 15:00 **Maarit Käpylä:** Long-term variations and irregularities in solar and stellar dynamos
15:25 **Sandra Jeffers:** Magnetic Activity and Cycles on Cool Stars
15:55 **Igor Savanov:** Starspot activity on G-M stars from Kepler observations
16:15 **COFFEE**
16:45 **Rakesh Yadav (VIDEOLINK):** Dynamo models for fully convective stars
17:15 **Ansgar Reiners:** A fresh view on low-mass stellar activity: The power of near-infrared spectroscopy
17:35 **Gaetano Scandariato:** The HARps-n red Dwarf Exoplanet Survey (HADES). A spectroscopic analysis of the steady chromosphere of low-activity early-M dwarfs.
17:55 **END OF DAY**