



final HESPE meeting
genova, october 28-30 2013
overview

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logistics - 1

- rooms at disposal in the department:
 - 704 (meeting room)
 - 427 (splinter sessions)
 - 003, 005 (small group discussions, phone calls, internet connections,...)
- wi-fi connection

network: dimawifi

username: lastname (schwartz)

password: firstname2013 (richard2013)

logistics - 2

- lunches: trattoria 'al ponte' is at walking distance from the department (also transportation by car available); table for 20 people reserved for both monday and tuesday
- dinner on monday 29 at 8:00 pm: ristorante '5 maggio' (<http://www.ristorante5maggio.it/IT/index.php>). cars will take you from your hotels to the restaurant and back
- transportation: cars will daily take you from your hotels to the department and back

festival of science

- october 30 from 11:00 am to 1:00 pm
- 'palazzo ducale' (duke palace), sala del minor consiglio (downtown, in piazza de ferrari, close to the big fountain)
- science outreach event
- please let me know now whether you want to come

meeting concept

- RTD work-packages (WP3 – theory; WP4 – computation; WP5 – technology; WP6 – future)
 - state of the art
 - discussion: finalization of the deliverables; perspectives on future science, future missions, horizon 2020 (also members of the steering committee involved)
- ‘other activities’ WP (WP2): focus on dissemination

HESPE at a glance

- 29 deliverables overall: 13 submitted, 16 under finalization
 - 4 deliverables part of the project report
 - 2 deliverables part of the HESPE website
 - short movie: hopefully done on wednesday 30
 - main focus: databases, HESPE directory in SSW, project report
- financial plan:
 - corrections approved by the PO for UNIGE and UNIGRA
 - other corrections needed?

HESPE at a glance

- software packages either ready for SSW or under construction:
 - electron maps (uniform energy channels): in the GUI
 - electron maps (non-uniform energy channels): ready for SSW
 - EM for imaging: ready for SSW
 - visibility CLEAN: ready for SSW
 - uv-smooth: in the GUI
 - uv-smooth enhanced: ready for SSW
 - computation of source moments: ready for SSW
 - SMC for imaging: under construction
 - EM for spectroscopy: under construction
 - EM for imaging spectroscopy: under construction
 - multi-scale CLEAN: under construction
 - visibility forward-fit for STIX

HESPE at a glance

- 56 publication acknowledging HESPE
 - 45 papers in journals with referee: ApJ, A&A, Nature Physics, PRL, Solar Physics
 - total impact factor: 273.102
- HESPE contributions to present and future missions
 - RHESSI: computation; theory
 - STIX: technology (interval selection algorithm, simulation package); computation (imaging and imaging spectroscopy algorithms)
 - SDO: computation (de-saturation of AIA images); theory (investigation of CMEs' nature with AIA and HMI data); observation (EUV emission in flares with EVE data; two stage SEE with AIA data)

HESPE at a glance

- hiring plan implemented:
 - 17 people supported by HESPE money during these three years
 - 9 at post-doc level; 4 at PhD level
- HESPE connection (a sort of): HESPE people are scattered around the world (universitaet kiel, ecole polytechnique, NASA GSFC...) but still (part-time) work at HESPE topics