

	CASSDA -SOLARNET WS 18 February	<i>Session Leader Discussion Leader Speaker</i>
9:00	Welcome SOLARNET Introduction CASSDA/Workshop Introduction	S. Berdyugina, KIS M. Collados, IAC N. Bello González, KIS
SESSION 1:	Image reconstruction - 'What your pixel doesn't want to tell you'	SL: R. Schlichenmaier, KIS
9:30	S 1.1 Introduction KISIP - A short overview	S: F. Wöger, NSO
10:00	S 1.2 Introduction MOMFBD - A short overview	S: M. Löfdahl, SU
10:30	S 1.3 Introduction Longtime exposure speckle reconstruction	S: T. Waldmann
11:00 -11:30	COFFEE BREAK	
11:30	S 1.4 Introduction Application of reconstruction techniques on imaging and imaging spectro-polarimetric data	S: C. Beck, NSO
11:45	S 1.5 Discussion Comparison of reconstructed simulated data samples (Speckle techniques, MOMFBD, Longtime exposure)	DL: M. Löfdahl, SU
12:45	S 1.6 Introduction Reconstruction with phase diversity using analytical PSFs	S: A. López Ariste, THEMIS
13:00 -14:30	LUNCH	
SESSION 2:	Data dissemination - 'Getting your data to the solar community'	SL: C. Fischer, KIS
14:30	S 2.1 REVIEW TALK Lessons learnt in providing integrated access to space- and ground-based observations	S: R. Bentley, UCL
15:15	S 2.2 Introduction Visualization tools (J)Helioviewer and event searching (HEK)	S: D. Müller, ESTEC, ESA
15:45	S 2.3 Discussion Why is some data more used than other? How to promote your data archive or VO? How to promote your instrument? What makes data accessible?	DL: S. Vidar Haugan, UIO
16:15	End of Day 1	
16:30	Brezeln & Drinks @ KIS	

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SESSION 3:	Data calibration I - 'Of artifacts, noise, λ-wiggles and other unwanted guests'	SL: W. Schmidt, KIS
9:30	S 3.1 <i>Introduction</i> Slit spectrographs and their issues	S: D. Elmore, NSO
10:00	S 3.2 <i>Introduction</i> FPI systems, wavelength shifts & lambda fluctuations	S: F. Kneer, IAG
10:30	S 3.3 <i>Discussion</i> Cavity errors and instrumental wavelength shifts: CRISP, TESOS, and IBIS cases	DL: O. von der Lühe, KIS
11:00 -11:30	COFFEE BREAK	
11:30	S 3.4 <i>Introduction</i> Stray light contamination	S: A. Feller, MPS
11:45	S 3.5 <i>Discussion</i> Stray light, what is it? Can we measure it? Can we correct for it?	DL: A. Feller, MPS
12:15 -13:30	LUNCH	
SESSION 4:	Data calibration II - 'Tidying up your Stokes profiles'	SL: R. Rezaei, KIS
13:30	S 4.1 <i>Introduction</i> Polarization contamination	S: M. Collados, IAC
14:00	S 4.2 <i>Discussion</i> Which polarimetric sensitivity is actually required? Better Q, U signal at expense of V? Spectral resolution vs SNR, is there an optimum trade-off?	DL: M. Collados, IAC
14:30	S 4.3 <i>Introduction</i> Fringe removal with compressed-sensing	S: A. López Ariste, THEMIS
14:45	S 4.4 <i>Introduction</i> Spatially coupled inversion of spectro-polarimetric data	S: M. van Noort, MPS
15:15 -15:45	COFFEE BREAK	
15:45	S 4.5 <i>Introduction</i> PCA-filtered deconvolution	S: A. López Ariste, THEMIS
16:00	S 4.6 <i>Discussion</i> Are these methods (S 4.4, S 4.5) applicable to ground based observations with varying PSF? How much processing can your data take?	DL: A. de Wijn, HAO
SESSION 5:	On the horizon	SL: O. von der Lühe, KIS
16:30	S 5.1 <i>Introduction</i> Fast SP LARS HELLRIDE/CARMA	S: A. Feller, MPS S: H. Doerr, KIS S: J. Staiger, KIS
17:10	S 5.2 <i>Discussion</i> Expectations for new instruments, e.g., VTF	DL: W. Schmidt, KIS
17:40	End of Day 2	
19:00	Wine Tasting @ "Weinschlösschen"	

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SESSION 6:	Data pipeline I: 'Concepts and Codes. Towards an automated data handling'	SL: C. Bethge, KIS
09:30	S 6.1 <i>Introduction</i> Challenges for integrated data centers for ground-based solar data	S: K. Reardon, NSO
10:00	S 6.2 <i>Introduction</i> Existing packages: CRISP, CASSDA GUI - TESOS, THEMIS	S: J. de la Cruz, SU S: J. Löhner-Böttcher, KIS S: B. Gelly, THEMIS
10:45 -11:15	COFFEE BREAK	
11:15	S 6.3 <i>Introduction</i> CASSDA - driven by the needs of the solar ground based community	S: C. Fischer, KIS
11:45	S 6.4 <i>Discussion</i> Unifying existing codes. Keeping it general and avoiding duplicity. Service mode.	DL: B. Fleck, ESA
12:30 -14:00	LUNCH	
SESSION 7:	Data pipeline II: 'Data format and metadata standards, data level products'	SL: M. Roth, KIS
14:00	S 7.1 <i>Introduction</i> Current data standards and formats	S: F. Hill, NSO
14:30	S 7.2 <i>Discussion</i> Standardized data headers/metadata. (WCS) image coordinates, data quality for ground-based observations	DL: H. Doerr, KIS
15:30 -16:00	COFFEE BREAK	
16:00	S 7.3 <i>Introduction</i> The Community Spectro-Polarimetric Analysis Center (CSAC)	S: R. Centeno, HAO
16:15	S 7.4 <i>Discussion</i> Which data level should be provided to the community?	DL: R. Centeno, HAO
16:45	Summary. Outlook. Plans	N. Bello González, KIS