Sunday 28th September

18:00  Evening gathering at hotel

Monday 29th September

09:00 – 09:10  
Grzegorz Wrochna  Director General of National Centre for Nuclear Research  
Welcome on behalf of NCBJ and IFPiLM  
Jacek Rzadkiewicz  Adjustments and ratification of agenda

09:10 – 10:30  Session 1: Reports from Laboratories

Andrzej Fludra  EUV spectroscopy of the solar atmosphere from the SPICE spectrometer on the Solar Orbiter mission  
Andy Meigs  Electron temperature from high-n Balmer series at JET: A question of spectra? Or more?  
Stuart Loch  Recent progress on SXBs for complex species and light species excited state ionization calculations for GCR data  
Amy Shumack  High-resolution X-Ray diagnostic upgrade for ITER-like wall experiments at JET

10:30 – 11:00 Coffee

11:00 – 12:30  Session 2: Data Handling

Guiyun Liang  Pressure diagnostic for the trap center of Electron Beam Ion Trap by EUV spectroscopy  
Simon Preval  Atomic data in NLTE model atmospheres – The case of white dwarf stars  
Owen Jones  Empirical model of fast-ion charge exchange emission in MAST  
Hanni Lux  Radiation Modelling in DEMO systems studies

12:30 – 14:00 Lunch

14:00 – 15:30  Session 3: Fundamental data (I)

Nigel Badnell  Dielectronic recombination of W18+: Theory vs. Storage ring measurements  
Matthew Bluteau  Relativistic R-matrix and Breit-Pauli distorted wave calculations of the electron impact excitation of W44+  
Duck-Hee Kwon  Electron-impact ionization of complex atoms and ions  
Valdas Jonauskas  Single and double ionization by electron impact

15:30 – 16:00 Coffee
16:00 – 17:30 Session 4: Fundamental data (II)

- Luis Manchero: New atomic data for plasma diagnostics: Be and Mg-like isoelectronic sequences
- Kanti Aggarwal: Energy levels, radiative rates and lifetimes for Br-like ions with $Z \geq 38$
- Ioan Schneider: Electronic and photonic reactive collisions in edge fusion plasma: Application to $H_2$, BeH, CH and $N_2$ systems
- Marek Pajek: X-ray studies of atomic collisions involving highly charged ions

18:00 – 19:00 ADAS steering committee meeting

19:30 Dinner

Tuesday 30th September

09:00 – 10:30 Session 5: Spectroscopy (I)

- Kurt Behringer: Modelling of Lyman and Fulcher Band Spectra – Vibrational and Rotational Population
- Dmitry Borodin: Interpretation of the Be and BeD spectroscopy in the recent plasma-wall interaction experiments
- Matthew Carr: CXRS diagnostics on MAST
- Yang Yang: Spectroscopic results of $W^{11+}$-$W^{15+}$ in EUV region, observed in the SH-HtscEBIT (Shanghai High-Temperature-Super-Conduct Electron Beam Ion Trap), and relative calculations
- Marek Sadowski: Optical and X-ray emission spectroscopy of high-current pulse discharges of the Plasma-Focus type

10:30 – 11:00 Coffee

11:00 – 11:30: Session 6: Spectroscopy (II)

- Jacek Rzadkiewicz: Spectral characteristics and spectra simulations for high-resolution X-Ray diagnostic at JET
- Stuart Loch: Discrepancies in Fe XVII line ratios

11:30 – 12:30 Session 7: A comprehensive and integrated approach to ion impact for ADAS

- Hugh Summers/Martin O’Mullane/Stuart Henderson: The bigger picture
- Matthew Bluteau: A new ADAS format and processing for quadrupole transitions induced by ion impact
- Alessandra Giunta: Medium weight elements, fine structure resolved GCR modelling and the role of ion impact

12:30 – 14:00 Lunch

14:00 – 15:30 Session 8: ADAS matters

- Martin O’Mullane: Report on ADAS activities since last workshop
- Allan Whiteford: Moving ADAS infrastructure to python

16:00 Close of meeting