

THE 15TH ADAS WORKSHOP
3-6 October 2009
Armagh

PRELIMINARY AGENDA

The agenda is tentative and subject to alteration

Sun. 3 Oct.

18.30 Registration, wine reception & evening meal at Armagh Observatory

Mon 4. Oct.

08.50-09.00 Adjustments and ratification of the agenda

1st session: Update on Astrophysics
09.00-10.30 Chairman: G. Doyle

M. Madjarska (30 min)	Small-scale transient phenomena: plasma properties and diagnostics
R. Smith (30min)	Spacecraft and new instrumentation
R. Bingham (30min)	Space plasmas and x-ray emission

Discussion:

10.30 Coffee

2nd session: Update on Fusion
11.00-12.30 Chairman: M. von Hellermann

T. Evans (30 min)	The view from the USA and the DIII-D programme
L. D. Horton (30 min)	EFDA-JET: the programme and opportunities
A. Costley (30 min)	Thoughts on diagnostics for DEMO

Discussion:

12.30 Lunch (casual - in town)

3rd session: Diagnostic analysis (theory and experiment)
14.00-15.30 Chairman: T. Evans

G. Del Zanna (15 min)	Solar spectral analysis
G. Doyle (15 min)	Analysing emission from dynamic solar plasmas
J. Svensson (15 min)	Bayesian approaches and recent work
M. Krychowiak (15 min)	Judging cross-sections for the helium beam
S. Loch (15 min)	Error propagation in collision data
J. Rosato (15 min)	D spectral line modelling

Discussion:

15.30 Coffee

5th session: Reports from the universities and laboratories
16.00-17:00 Chairman: R. Guirlet

Univ. Mons-Hainaut (20 min)	P. Quinet
Univ. Princeton (20 min)	J. Strachan
CIEMAT (20 min)	F. Tabares

Discussion:

17.15-18.00 ADAS Steering Committee Meeting

18.30 Show at Armagh Planetarium

19.15 Wine reception and evening meal at Armagh Planetarium

Tue. 5 Oct.

1st session: Atomic & molecular structure and collisions (theory)
9.00-10.30 Chairman: N. R. Badnell

P. Scott (20 min)	Large scale PRMAT calculations
A. Hibbert (20 min)	Complex atom structure
J. Tennyson (20 min)	Calculating molecular reactions
C. Ballance (20min)	DRMPS, TDCC and beyond

Discussion

10.30 Coffee

2nd session: Reports from the universities and laboratories (2)
11.00-12.20 Chairman: L. D. Horton

Univ. Le Havre (20 min)	I. Schneider
Univ. Louvain (20min)	J. Lecointre
ITER (20 min)	R. Barnsley
Queen's Belfast(20 min)	B. McLaughlin

Discussion

12.30 Lunch (casual - in town)

3rd session: ADAS-US/ADAS-East/ADAS-Astro discussion and planning
14.00-14.45 Leader: M. O'Mullane*

Topics: Supporting ADAS users in the USA and in the East
Sharing ADAS development with the USA
A fresh initiative on ADAS for astrophysics

Possible contributors: to include R. Smith, S. Loch, A. Foster, T. Evans, D. Den Hartog, B. Brahms, G. Doyle, N. Badnell, C. Ballance, H.P. Summers

* The leader will give short introduction/briefing on the subjects for discussion.

4th session ADAS/ADAS-EU/EXTENDED-ADAS discussion and planning
14.45 – 15.30 Leader: H.P. Summers*

Topics: Initiatives and collaborations to lift the ADAS database
Extending the ADAS scope - molecules, application codes
Ensuring effective ADAS connection with plasma codes, ITM etc

Providing effective ADAS-EU support to Europe

Possible contributors: to include P. Scott, A. Hibbert, N. Badnell, J. Tennyson, I. Schneider, T. Evans, D. Den Hartog, L. Horton, M. von Hellermann, K. H. Behringer, M. Brix, M. O'Mullane.

* The leader will give short introduction/briefing on the subjects for discussion.

15.30 Coffee

5th session ADAS/ADAS-EU summary and status reports
16.00-16.45 Chairman: K. Behringer

H.P. Summers (15 min)	ADAS-EU progress review
M. G. O'Mullane 15 min)	ADAS progress review
Summers/O'Mullane (15+ min)	General discussion*, summary and closing

**General Discussion* to include: grumbles, complaints & wish lists reasonable & unreasonable, forward plans for 2011, joint work, publications-fielded by Martin O'Mullane and Hugh. Summers.

17.30-18.00 ADAS-EU Governance Committee Meeting

18.30 Evening meal (Casual - in town)

Wed. 6 Oct. (am) Departure

G. Doyle/Hugh Summers
17 Sep 2010