



# ADAS-EU

## Activities

Hugh Summers

University of Strathclyde  
CCFE Culham/JET Facility

4 Oct. 2010  
Armagh

# Deployment of staff

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- Dr. Francisco Guzman: started July 2009, based at FZ-Juelich; moving the CEA Cadarache Jan. 2011
- Dr. Luis Menchero: started Feb 2010, based at IPP Garching
- Dr. Adam Foster: temporary position – 6 weeks Jun./Jul. 2009
- Prof. Ratko Janev : June 2010 at Fz-Juelich
- Dr. Allan Whiteford resigned Oct 2009; Prof. Hugh Summers -> 40% from 1 Nov 2009; Dr. Martin O'Mullane -> 30% time from 1 Jan. 2010.
- Prof. Hugh Summers -> 20% from 1 Nov. 2010; Prof. Nigel Badnell -> 20% from 1 Nov 2010

# Sub-contracting

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- Univ. Mons-Hainaut – Prof. Emile Biemont: ‘Atomic Structure and Electron Data for Heavy Element Ions’.
- Univ. Autonoma Madrid – Prof. Luis Mendez: ‘Charge Exchange and Ion Impact Data for Fusion Plasma Spectroscopy’.
- Univ. Giessen – Prof. Alfred Mueller: ‘Ionisation and Recombination of Heavy Element Ions’.
- Univ. Groningen – Prof. Ronnie Hoekstra: ‘Positive Ion Impact Data for Fusion Applications’.
- TUW, Vienna - Prof. Friedrich Aumayr: ‘Atomic Data And Models For Neutral Beam Diagnostics’.
- Univ. Vilnius – Prof. Alicija Kupliauskiene: ‘Configuration Interaction and Relativistic/Quasi-relativistic Structure.’.

# Courses

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- The ADAS-EU Course 8-16 OCT. 2009: Max-Planck-Institute for Plasma Physics, Garching; 14 participants, 5 tutors.
- The ADAS-EU Course 7-15 OCT. 2010: JET Facility, STFC Culham Laboratory, UK.
- ADAS-US Course July 2010, Auburn University, USA
- ADAS-EU Course Nov./Dec. 2010 ITER

# Dissemination

- ADAS-EU website: [www.adas-fusion.eu](http://www.adas-fusion.eu)
- OPEN-ADAS: [www.open.adas.ac.uk](http://www.open.adas.ac.uk)
  - Development cost shared with ADAS and IAEA Vienna. Implemented by Allan Whiteford.
  - Operational for two years. Accessed by 227 people from 35 countries. 1974 data set downloads.

Type	Views	Downloads	Type	Views	Downloads
adf01	420	146	adf12	183	57
adf04	793	358	adf13	341	168
adf07	293	148	adf15	591	259
adf08	247	132	adf21	72	15
adf09	405	333	adf22	114	16
adf11	599	342			

# Visits

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- CIEMAT, Madrid, Spain (14-15 Dec. 2009)
- University Autonoma, Madrid, Spain (16-23 Dec. 2009)
- CEA Cadarache, France (18-22 Jan. 2010)
- CEA Cadarache, France (19-21 Jan. 2010)
- University Mons-Hainaut, Belgium (28-29 Apr. 2010)
- ITER, St Paul-les-Durances, France (7-18 Jun. 2010)

# Reports

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- Setup1, Setup2
- Dissem1
- Open1
- Science1, Science2, Science3
- Review1
- Publ1, Publ2, Publ3, Publ4, Publ5, Publ6