

Mark Westmoquette

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Date of birth: 15th May 1981
Nationality: British

EMPLOYMENT

- Post-doctoral research fellow 2007-
University College London, UK
Supervisor: Prof. L. J. Smith

EDUCATION (post secondary)

- Ph.D. Astrophysics: 2003-2007
University College London, UK
Thesis: Super star clusters, their environment, and the formation of galactic winds
Supervisor: Prof. L. J. Smith
- M.Sci. Astrophysics – 1st class honours 1999-2003
University College London, UK
Final-year Project: IR spectroscopy, evolutionary synthesis and properties of starburst regions
Supervisor: Prof. L. J. Smith

ACADEMIC EXPERIENCE

Selected conferences/workshops attended:

- 'Assembly, Gas Content and Star Formation History of Galaxies', Charlottesville, USA, Sept 2009
- 'Transformational Science with ALMA: The Birth and Feedback of Massive Stars, Within and Beyond the Galaxy', Charlottesville, USA, Sept 2008 - talk given
- 'The Role of Disk-Halo Interaction in Galaxy Evolution: Outflow vs Infall', Espinho, Portugal, Aug 2008 - talk given
- 'Young massive star clusters', Granada, Spain, Sept 2007 - talk given
- 'Pathways through an eclectic Universe', Tenerife, Spain, April 2007
- 'Mass loss from stars and the evolution of stellar clusters', Lunteren, NL, June 2006
- ESO/Euro3D Workshop: 'Science perspectives for 3D spectroscopy', ESO Munich, Germany, Oct 2005
- 'Starburst galaxies', IoA Cambridge, UK, Sept 2004

Observing experience

- 2 nights on the Subaru 8m telescope (imaging & slit mask design), Dec 2008
- 3 nights on the WIYN 3.5m telescope (imaging), Kitt Peak, USA, Mar 2009
- 4 nights on the WIYN 3.5m telescope (IFU spectroscopy), Kitt Peak, USA, Dec 2004
- PI of 3 successful Gemini service proposals, 2 ESO VLT proposals, and 1 HST proposal
- Co-I on 10 successful service/classical proposals (Gemini, HST)

Selected seminars given:

- 2009: Durham (Oct) & U. of Massachusetts & STScI & U. of Wisconsin-Madison (Sept); U. of Hertfordshire (May); MPIA Heidelberg & Universität Heidelberg (Jun); NOAO Tucson (Mar); MPE Garching (Jan)

- 2008: JAC Hawai'i (Dec); Glasgow University (Oct); IoA Cambridge (May); INAOE Mexico (Feb)
- 2007: Stockholm University, Sweden (Nov); UCL (Oct); Galaxy Evolution Discussion Group, Oxford University (Mar); UNAM and INAOE, Mexico (Jan)
- 2005: Uppsala University, Sweden (Nov)

Awards:

- Nominated for 2008 RAS Michael Penston Astronomy Prize for best PhD thesis
- 2006 UCL Physics & Astronomy Dept 'Harrie Massey Prize' for postgraduate research
- 2003 UCL Physics & Astronomy Dept 'Brian Duff Memorial Award' for best 4th year project
- Shortlisted (one of three) in the national Science, Engineering and Technology (SET) awards 2003 for the Best Physics Project category for undergraduate final-year project

TEACHING EXPERIENCE and OUTREACH ACTIVITIES

- Supervision: Astronomy 4th year undergraduate 1yr research project (2008/9); Natural Sciences 1yr literature review and essay project (2007/8)
- Lecturing: Higher Education Certificate in Astronomy (adult evening class) 2nd year course on 'The Interstellar Medium' (2008, 2009)
- Meetings/Conferences:
 - ▶ Co-organiser of weekly research group journal club at UCL (2007/8, 2008/9, 2009/10).
 - ▶ Organised YAM parallel session at the RAS National Astronomy Meeting, April 2007.
 - ▶ Organised 1-day Royal Astronomical Society (RAS) Young Astronomers Meeting (YAM), December 2006
- Public outreach talks: Wolverhampton Astronomical Society (Mar 2007); Oxford University Space and Astronomy Society (Feb 2009); Talking about astronomy to public at Speakers' Corner, Hyde Park, London (Jun 2009); UCL 'Your Universe' exhibition (2 talks, Aug 2009)
- University of London Observatory teaching demonstrator, Oct 2002 – Mar 2006

ADDITIONAL SKILLS/INTERESTS

Computing:

- Linux, Mac OS X, Windows, IDL, IRAF, STARLINK, LaTeX, Perl, Adobe Photoshop & Illustrator, Microsoft Office

Non-academic:

- Qualified yoga teacher (2009)
- Awarded University of London 'Sportsman of the Year' (2006)
- Organised and captained British Universities Rifle Team tour to the Channel Islands (2006)
- Toured to Australia with Great Britain Under-25 Rifle Team (2005)
- Spanish language (intermediate level)

REFERENCES

- Prof. Linda J. Smith
STScI, 3700 San Martin Drive, Baltimore, MD 21218, U.S.A.
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- Prof. John (Jay) S. Gallagher
Department of Astronomy, 5534 Sterling Hall, University of Wisconsin-Madison, 475N. Charter Street, Madison, WI 53706, U.S.A.
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- Dr. Katrina M. Exter
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