

The first year of science with X-shooter

Como (Italy), October 19-22, 2010

Program:

Monday October 18

18:30 - 20:30 Registration & welcome cocktail

Tuesday October 19

08:30 - 09:00 Registration

09:00 - 09:10 Welcome from local authorities

09:10 - 09:20 Opening: S. Covino / S. Randich

Session I: X-Shooter characteristics, performances and science overview

Chairman: F. Patat

09:30 - 10:00 S. D'Odorico: *Lesson learned from the X-Shooter: an unique VLT project*

10:00 - 10:25 F. Zerbi: *Technical Solutions underneath the excellent performance of X-Shooter*

10:25 - 10:50 J. Vernet: *X-Shooter performances*

10:50 - 11:20 Coffee Break

11:20 - 11:35 C. Martayan: *1 year of XSHOOTER operations at Paranal*

11:35 - 11:45 P. Bristow: *Application of the X-Shooter Physical Model to Quality control Processing and Flexure Analysis*

11:45 - 12:10 M. Andersen: *X-Shooter in context*

12:10 - 12:40 P. Groot: *The X-Shooter GTO programme*

12:40 - 13:05 S. Trager: *XSL: The X-shooter Spectral Library*

13:15 - 15:00 Lunch Break

Session II: Data reduction

Chairman: A. Modigliani

15:00 - 15:25 P. Goldoni: *The X-Shooter pipeline*

15:30 - 17:00 *Discussion on pipeline. Feedback from observers*

17:00 - 17:30 Coffee Break

Session III: Star and planet formation and solar system

Chairman: L. Pasquini

17:30 - 18:00 L. Kaper: *Massive star formation*

18:00 - 18:25 R. Oudmajer: *Accretion in Herbig Ae/Be stars*

Wednesday October 20

09:10 - 09:30 L. Pasquini: *Commemoration of Roberto Pallavicini*

09:30 - 10:00 J.M. Alcalá: *X-Shooter surveys of star forming regions: low and sub-stellar mass objects*

10:00 - 10:15 L. Testi: *Formation and early evolution of Brown Dwarfs*

10:15 - 10:40 B. Goldmann: *Brown dwarf studies with X-shooter*

10:40 - 10:55 E. Rigliaco: *X-Shooter observation of a brown dwarf: comparison of simultaneous accretion diagnostics*

10:55 - 11:25 Coffee Break

11:25 - 11:40 Ya. Tsamis: *X-shooter IFU observations of protoplanetary*

11:40 - 11:55 A. Alvarez Candal: *The 'dwarf planet' Eris through the eyes of XSHOOTER*

Session IV: Stars and Stellar populations

Chairman: E. Carretta

11:55 - 12:25 P. Bonifacio: *Extremely metal-poor stars in SDSS fields*

12:25 - 12:40 S. Lucatello: *Exploring the outer halo with XSHOOTER*

13:15 - 15:00 Lunch Break

15:00 - 15:15 A. Bragaglia: *First abundance study of the triple main sequence in NGC 2808*

15:15 - 15:40 S. Parsons: *X-Shooter observations of compact binaries*

15:40 - 15:55 E. Mason: *INTERACTING BINARIES: Cases where multicolor and simultaneous medium resolution spectra makes a difference*

15:55 - 16:10 S. Randich: *Pre-main sequence stars in the Large Magellanic Cloud (TBC)*

16:10 - 16:40 Coffee Break

Session V: Supernovae

Chairman: G. Tagliaferri

16:40 - 17:10 M. Stritzinger: *State-of-the-art observations of Type I supernovae*

17:10 - 17:35 F. Bufano: *Studying SNe-GRBs Connection with XShooter: the GRB100316/SN2010bh case*

17:35 - 18:05 ...

Thursday October 21

Session VI: Gamma Ray Bursts

Chairman: B. Milvang-Jensen

09:15 - 09:45 J. Fynbo: *Status of the X-shooter ToO GRB programme*

09:45 - 10:10 V. D'Elia: *Absorption spectroscopy of GRB afterglows: probing the GRB line of sight*

10:10 - 10:40 P. Jakobsson: *GRB-selected galaxies*

10:40 - 10:55 C. Thone: *Metallicities of high redshift GRB hosts - the case of GRB 100219A*

10:55 - 11:25 Coffee Break

11:25 - 11:50 S. Piranomonte: *GRB host galaxies*

11:50 - 12:15 H. Flores: *GRB host galaxies: first result of the XShooter/IFU mode*

12:15 - 12:30 S. Vergani: *XSHOOTER observations of the host galaxy and environment of GRB021004 at $z=2.3$*

12:30 - 12:45 K. Wiersema: *A close look at H and He in GRB hosts*

12:45 - 13:00 A. De Ugarte: *X-Shooter observations of GRB 100418A*

13:10 - 15:15 Lunch Break

Session VII: Physics of galaxies and the IGM in the low- and high-z Universe

Chairman: S. D'Odorico

15:15 - 15:45 F. Hammer: *Galaxy formation*

15:45 - 16:00 D. Bettoni: *Studying the diverse nature of faint galaxies in nearby clusters of the WINGS sample*

16:00 - 16:30 L. Christensen: *Star-forming galaxies with X-Shooter*

16:30 - 17:00 Coffee Break

17:00 - 17:15 J. van den Sande: *Velocity Dispersions of high redshift galaxies*

17:15 - 17:30 M. Dessauges-Zavadsky: *Rest-frame UV to optical X-shooter spectrum of the high-redshift gravitationally lensed galaxy "the 8 o'clock arc": the dissection of its physical properties*

19:30 Social Dinner

Friday October 22

09:15 - 09:40 B. Nordstroem: *Metal poor stars as tracers of the assembly of the halo of the MW*

09:40 - 10:10 P. Petitjean: *The Interstellar Medium of High- z Galaxies*

10:10 - 10:35 V. D'Odorico: *Optical-NIR spectra of quasars close to re-ionization ($z \sim 6$)*

10:35 - 10:50 G. Cupani: *X-Shooter observations of QSO pairs*

10:50 - 11:20 Coffee Break

11:20 - 11:35 T. Zafar: *X-shooter spectroscopy of binary pair Q0151+048*

11:35 - 12:00 D. Watson: *Understanding extragalactic dust with X-shooter*

12:15 - 12:30 S. Cristiani: *summary talk*

INVITED REVIEWS: 30 min (25+5)

INVITED TALKS: 25 min (20+5)

CONTRIBUTED TALKS : 15 min (12+3)