

Training and ToK activities of ELSA Fellows up to 1 Jan 2009

The participation of ELSA fellows in various training and transfer of knowledge (ToK) events up to 1 Jan 2009 are listed below under the following categories:

- network-wide training events (27 participations in 2 events)
- local training events (15 items – incomplete)
- external training events (22 participations in 12 events)
- short visits and secondments by fellows (26 events)
- other activities (16 events)

Network-wide training events

- 9 ESRs and 4 ERs: ELSA School on the Science of Gaia, Leiden, NL, 19-28 Nov. In addition to lectures on a wide range of topics, this gave training in poster presentation, work on selected science topics, presentation of results and administration of ELSA. (Worth 1.5 ECTS for participating ESRs.)
- 9 ESRs and 5 ERs: ELSA Workshop on Software Engineering and Numerics, Barcelona, ES, 1-5 Sept 2008. In addition to lectures, this gave training and feedback on oral presentations. (Worth 1.5 ECTS for participating ESRs.)

Local training events (regular graduate courses are not consistently recorded here):

- Oszkiewicz: Space astronomy, Helsinki, FI, Sep 2007-? (7 ECTS)
- Holl: Statistical and Numerical Tools for Astrophysics I, Lund, SE, Nov-Dec 2007 (7.5 ECTS)
- Varadi: talk at Friday meetings of the Stellar variability group & Gaia group, ISDC, CH, 7 Dec 2007 and 28 Mar 2008
- Oszkiewicz: Three concepts: probability, Helsinki, FI, Jan-Apr 2008 (6 ECTS)
- Oszkiewicz: Inverse methods in astronomy, Helsinki, FI, Jan-Apr 2008
- Belcheva: attended the seminars on 'Infrared Astronomy', National Observatory of Athens, GR, 28 March 2008
- Prod'homme: Training on time management, Leiden, NL, 20 Mar 2008
- Oszkiewicz: Programming project, Helsinki, FI, Apr 2008 (4 ECTS)
- Abbas: Java 08 workshop, Torino, IT, 22-23 April, 2008
- Saguner: Course on IDL language for scientific programming, Padova, IT, May 2008
- Holl: PhD Day, Lund, SE, 3 Jun 2008
- Holl: Swedish lessons, Lund, SE, Aug 2008 (45h)
- Oszkiewicz: Elementary Finnish Course for Exchange Students, Helsinki, FI, 22 Aug-10 Dec 2008 (4 ECTS)
- Oszkiewicz: Short course in parallel programming using MPI, Helsinki, FI, 15-26 Sep 2009 (2 ECTS)
- Oszkiewicz: Elementary Bayesian Analysis, Helsinki, FI, 29 Oct-16 Dec 2008
- Holl: Dynamical Astronomy, Lund, SE, Nov-Dec 2008 (7.5 ECTS)

External training events

- Prod'homme: NOVA fall school, Dwingeloo, NL, 8-12 Oct 2007
- Oszkiewicz: Gaia DB workshop, ESAC, Madrid, ES, 16-18 Jan 2008
- Pasquato: PhD Day, Louvain la Neuve, BE, 16 May 2008
- Holl, Pasquato, Prod'homme, Re Fiorentin, Saguner: Scientific Writing for Young Astronomers school, Blankenberge, BE, 18-21 May 2008 (1.5 ECTS)

- Oszkiewicz: Finnish Graduate School in Astronomy and Space Physics - Multi-dimensional Data Analysis and Data Mining, Repovesi national park, FI, 2-6 Jun 2008 (3 ECTS)
- Holl, Oszkiewicz, Pasquato, Prod'homme, Saguner, Varadi, Weiler: Gaia JAVA Workshop 2008, Madrid, ES, 16-19 June 2008 (1.5 ECTS)
- Weiler: Alpbach Summer School - Sample Return from Moon, Asteroids and Comets, Alpbach, AT, 22-31 Jul 2008
- Belcheva: gave a talk on Gaia and ELSA at a summer school in Bulgaria for high school and young undergraduate students; title of presentation: 'Gaia - the Heir of Hipparcos', Belite Brezi, BG, 24 Jul-7 Aug 2008
- Re Fiorentin: IMPRS Summer School 2007 on 'The Milky Way Galaxy: Dynamics-Evolution-Matter cycle', Heidelberg, DE, 29 Aug-5 Sept 2007
- Saguner: International School of Astrophysics on 'Gamma astrophysics - Galaxy formation and evolution', Asiago, IT, 21-27 Sep 2008
- Weiler: Student Planetary Workshop, ESTEC, NL, 9-10 Oct 2008
- Oszkiewicz: Close approaches and collisions of celestial bodies, Tuorla, FI, 27 Oct-5 Nov 2008

Short visits and secondments by fellows

- Bombrun: ESAC, Madrid, ES, 8-9 Oct 2007
- Re Fiorentin: INAF, Torino, IT, 29 Oct-2 Nov 2007
- Re Fiorentin: MPIA, Heidelberg, DE, 7-21 Dec 2007
- Re Fiorentin: INAF, Torino, IT, 2-11 Jan 2008
- Alfieri: Observatory of Besançon, FR, 6-11 Jan 2008
- Weiler: DLR Institute for Planetary Research, Berlin, DE (home institute), 25-29 Jan 2008
- Re Fiorentin: INAF, Torino, IT, 7-11 Apr 2008
- Weiler: Institute of Astronomy, Cambridge, UK, 24 Mar-16 Apr 2008
- Holl: Institute of Astronomy, Cambridge, UK, 25 Mar-2 May 2008
- Prod'homme: Institute of Astronomy, Cambridge, UK, 25 Mar-2 May 2008
- Belcheva: Observatory of Besançon, FR, 5-11 May 2008
- Prod'homme: ASTRON, Dwingeloo, NL, 5 Jun 2008
- Bombrun: Lund Observatory, Lund, SE, 23-27 June 2008
- Weiler: DLR Institute for Planetary Research, Berlin, DE (home institute), 8-11 Jul 2008
- Prod'homme: Instituto de Astrofísica de Canarias, ES, 7-22 Aug 2008
- Risquez: Institute of Astronomy, Cambridge, UK, 11-15 Aug 2008
- Oszkiewicz: Institute of Astronomy, Brussels, BE, 24-31 Aug 2008
- Holl: Institute of Astronomy, Cambridge, UK, 29 Sep-12 Oct 2008
- Prod'homme: Institute of Astronomy, Cambridge, UK 29 Sep-10 Oct 2008
- Abbas: Lund Observatory, Lund, SE, 20-26 Oct 2008
- Weiler: Institute of Astronomy, Cambridge, UK, 29 Sep-8 Oct 2008
- Pasquato, Lund Observatory, Lund, SE, 27-31 Oct 2008
- Risquez: Institute of Astronomy, Cambridge, UK, 9-22 Nov 2008
- Bombrun: Lund Observatory, Lund, SE, 17-21 Nov 2008
- Abbas: Marseille VVDS collaborators, FR, 26-30 Nov 2008
- Abbas: Institut d'Astrophysique de Paris, FR, 14-17 Dec 2008

Other activities contributing to the training and ToK of fellows

- Belcheva participated in the organization of the DPAC CU8 meeting in Athens, GR, Dec 2007
- Holl and Oszkiewicz were part of the organizing committee for the ELSA Workshop held in Barcelona (Sep 2008). Together with the other ESRs and ERs they organized part of the workshop, in particular the first two days reviewing the progress of all the fellows
- Varadi: observing session at ESO, La Silla, Chile, 12 Feb-3 Mar 2008
- Holl: participated in organization of 'Gaia for All mini-workshop', Lund, SE, 4-5 Feb 2008
- Saguner: observing sessions in Asiago (6 months in 2008)
- Belcheva: participated in the organization of 'The Cosmic Odyssey of the elements' at Aegina, Greece, 23-27 Jun 2008
- Risque: telecon with IoA, Cambridge, UK, 11 Jul 2008 and 31 Jul 2008
- Holl: participated in the training of B.A. student Michelle Picardo (Trinity College Dublin, and ESAC), Lund, SE, 18-22 Aug 2008
- Holl participated in public outreach activities ('Lund Culture Night'), Lund, SE, 20 Sep 2008
- Re Fiorentin: organizes the astronomical seminars at the University of Ljubljana, Dept. of Mathematics and Physics 2007/2008-2008/2009
- Holl produced animation of Gaia scanning law and other presentation material, Jan-Nov 2008
- 8 ESRs and 4 ERs participated in the 2nd meeting of the ELSA Steering Committee, Leiden, NL, 26 Nov 2007
- 2 ESRs and 1 ER participated in the 3rd meeting of the ELSA Steering Committee (teleconference), 18 Aug 2008
- 8 ESRs and 5 ERs participated in the 4th meeting of the ELSA Steering Committee, Barcelona, ES, 4 Sep 2008
- Prod'homme: participated in the supervision of a 6-month M.Sc. research project, Leiden, NL, Nov 2008-Apr 2009
- Prod'homme: hosted external PhD student Scott Brown (IoA, Cambridge), Leiden, NL, Dec 2008