

V-234 Visit Dr. D.K. Galloway

From June 21 to July 12, 2015, Dr. D.K. Galloway of Monash University (Melbourne) visited SRON to collaborate on the subject of the Multi-Instrument Burst Archive. This is an unfunded international project that aims to collect and process in a systematic way data from thermonuclear shell flashes on neutron stars as obtained with BeppoSAX, RossiXTE and INTEGRAL during 1996-2012, and make that available to the astrophysical community, as well write papers for refereed journals about subjects that arise particularly from this comprehensive approach. The first paper is targeted for the end of this year and is intended as a presentation of the archive to the community. During his 3-week visit, Dr. Galloway and myself worked full time on this project. This work included discussions on the content of the archive, cross calibrations between different data sets and data analysis issues that arise from treating data from a wide variety of sources in identical manners. Furthermore, we started preparing the first paper.