The goal of the fourth High Time Resolution Astrophysics (HTRA) workshop is to explore the current and future state of observations of all different types of astronomical sources featuring variability at the second and/or subsecond time scales. The three-day workshop has been planned to offer the community the opportunity to present contributions in different thematic areas covering science, instrumentation and future observing facilities. Selected science topics include: isolated neutron stars; X-ray binaries; white dwarfs and ultra-compact binary systems; stellar oscillations; flare stars; extragalactic transients (GRBs); and planet transits/occultations. Contributions in other science topics related to the field of HTRA are equally welcome.

Invited speakers include: Felix Aharonian (Dublin Institute of Advanced Studies), Werner Becker (Max-Planck-Institut für extraterrestrische Physik), Tomaso Belloni (INAF–Astronomical Observatory of Brera, Merate), Vik Dhillon (University of Sheffield), Isobel Hook (University of Oxford), Michael Kramer (Jodrell Bank Centre for Astrophysics), George Pavlov (Penn State University), Ron Remillard (Massachusetts Institute of Technology), Andrea Richichi (ESO) and Jürgen Schmitt (Hamburg Observatory).

Scientific Organising Committee: Cesare Barbieri (University of Padova, Dept. of Astronomy), Giovanni Bonanno (INAF–Astronomical Observatory, Catania), Vik Dhillon (University of Sheffield), Dainis Dravins (Lund Observatory), Gottfried Kanbach (Max-Planck-Institut für extraterrestrische Physik), Nikos Kylafis (University of Crete, FORTH), Tom Marsh (University of Warwick), Roberto Mignani (University College London–Mullard Space Science Laboratory), Andy Shearer (National University of Ireland, Galway), Aga Słowikowska (Institute of Astronomy, University of Zielona Gora).

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Details and registration information can be found at http://www.htra.ie/.