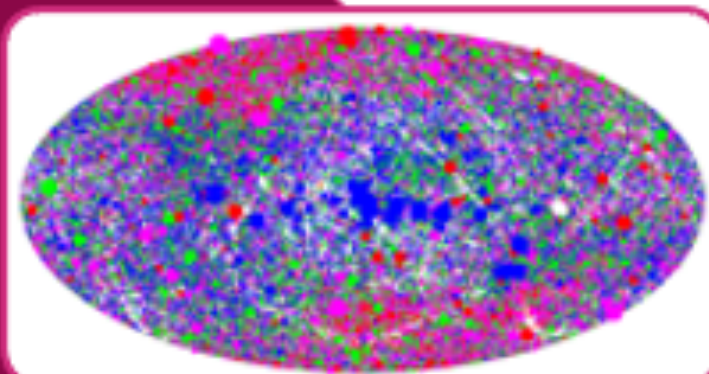




Michael Freyberg

Organization: Max-Planck-Institute for extraterrestrial Physics (MPE)

Position: Coordinator for MPG/MPE. Senior researcher at the Max-Planck-Institute for extraterrestrial Physics (MPE).



Michael is an X-ray astronomer at the Max-Planck-Institut für extraterrestrische Physik in Garching, Germany.

He is involved in developing and calibrating X-ray instrumentation, such as XMM-Newton EPIC-pn, eROSITA, and Athena WFI.

He is also contributing to catalogues of X-ray sources and analysis software for timing and spectral studies since ROSAT times.

In the XMM2ATHENA project his expertise will feed into work packages related to intra- and inter-observation variability of X-ray sources, and in particular long-term light curves over several decades.

Michael's main research is the Local Hot Bubble, its origin, state, and future - embedded in a ring of star forming regions, with feedback inside and out of our Milky Way - as an instance of the life cycle within the interstellar medium and then with next-generation X-ray sources.