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She is a group leader at Space Research Institute (IWF), Austrian Academy of Sciences and Privatdozent at University of Graz. She participated in a number of Earth's magnetospheric missions as a Co-Investigator: Cluster, DoubleStar, THEMIS and is leading the ASPOC instrument for MMS. She is an author of more than 250 refereed publications. She was an editor of the *Annales Geophysicae* between 2008 and 2013. She is currently serving as a member of the Science Committee of the International Space Science Institute (ISSI) and the ESA Solar System Exploration Working Group. She is a full member of the International Academy of Astronautics since 2011. She was awarded the Tanakadate Award from the Society of Geomagnetism and Earth, Planetary and Space Sciences (SGEPSS) in 2005 and the Julius-Bartels Medal from the European Geophysical Union (EGU) in 2014. Her research interests are space plasma physics based on data analysis from satellites and ground-based measurements; plasma transport and acceleration in the magnetosphere, magnetosphere-ionosphere coupling, solar wind magnetosphere interaction, substorm and storm dynamics.