

Dr. **Oliver Fruchart** has been serving as Secretary of our commission since 1/2025. In this capacity he has been deeply involved with commission matters, including serving as C9 Awards Committee Chair in the selection of our IUPAP Magnetism Award and Néel Medal (triennium competition) and IUPAP Early Career Scientist Prize in Magnetism (annual competition). In our commission, it has been customary for the Secretary to advance to the Chair position.

Dr. Fruchart is a senior research scientist and a leading figure in nanomagnetism and spintronics research, particularly in the context of three-dimensional (3D) nanodevices for which he contributed to a number of pioneering results. This includes the first observation and later on the first current-induced motion of so called Bloch-point domain walls in cylindrical nanowires. This unique type of domain wall, specific to 3D systems as it uniquely embeds the specific Bloch-point micromagnetic singularity, could be the basis of disruptive high-density magnetic storage devices making use of domain walls in a 3D medium. Joint work with industry is currently taking place to develop this new technology. In the past 11 years, he has also been serving as Deputy Director of SPINTEC, which is one of the largest laboratory worldwide devoted to spintronics and nanomagnetism.

Dr. Fruchart has high visibility in the international magnetism community. He has created and has been leading the European School on Magnetism for two decades. He had also served as President of the European Magnetism Association (EMA) from 2022 to 2025. EMA is one of the Associate Members of IUPAP C9. He has been involved in organizing or scientific committees of about twenty international conferences, including several sessions of ICM (the flagship conference of C9) and ICMFS (a satellite conference of ICM) . He has also been part of an evaluation board of CNRS (French institute for scientific research), and he is currently an Open Science advisor of the same.