

**Marcelo M. F. Saba** is a Professor at INPE, *National Institute for Space Research*, in Brazil. He has been using high-speed cameras and auxiliary sensors to understand the physics of lightning since 2003. Since the first lightning flash recorded with a thousand images per second, he has published tens of papers in refereed journals and is now recording them with hundreds of thousands of images per second in collaboration with researchers in USA, Austria and South Africa. He conducts research on the physics of lightning, lightning imaging and detection, and other topics in atmospheric electricity. He is author of over 60 scientific papers in refereed journals and over 200 papers in conference proceedings. He is studying upward flashes characteristics in Brazil and in the United States and how downward lightning connection to ground structures.