Record Nr. UNINA9910410003403321 Autore O'Sullivan John Titolo European Missions to the International Space Station: 2013 to 2019 // by John O'Sullivan Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 **ISBN** 3-030-30326-8 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (356 pages) Collana Space Exploration Disciplina 629,442 Soggetti Technology Aerospace engineering **Astronautics** Space sciences Popular Science in Technology Aerospace Technology and Astronautics Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Sommario/riassunto

The European Space Agency has a long history of human spaceflight, working with both NASA and the Soviet/Russian space agencies over the years. This book tells the story of the ESA astronauts who have visited the International Space Station and their contributions to its development and success. For example, ESA built the Columbus science laboratory, as well as the Cupola, the Leonardo PMM and the ATV supply ship. But it is the human endeavor that captures the imagination. From brief visits to six-month expeditions and spacewalking to commanding Earth's only outpost in space and doing experiments, ESA astronauts – whose personal stories are also told – have played a vital role in the international project. Many of their efforts are documented in photographs in the book. In following up on the missions covered in this author's earlier title, In the Footsteps of Columbus (2016), this book highlights European missions from the

2013 Volare mission of Luca Parmitano to his 2019 Beyond mission and includes first flights for Alexander Gerst, Samantha Cristoforetti, Andreas Mogensen, Tim Peake, and Thomas Pesquet.