

OBPDC 2022

28-30 September 2022

National and Kapodistrian University of Athens, Greece

Biography Presenter

| | |
|----------------------------|---|
| Session Name | Session 4A - Unconventional data compression/reduction |
| Day of the presentation | Thursday, September 29, 2022 |
| Paper / Presentation Title | Towards real-time management of satellite microvibrations for on-board hyperspectral image quality enhancement. |

| | |
|--|--|
| Name Presenter | Urbina Ortega, Carlos |
| Nationality Presenter | Spanish |
| Affiliation Presenter and Location (City, Country) | <p>⁽¹⁾ PhD student at the University of Las Palmas de Gran Canaria (Gran Canaria, Spain), at the Research Institute for Applied Microelectronics (IUMA)</p> <p>⁽²⁾ Senior On-Board Computer and Data Systems Engineer in Telespazio Belgium for ESTEC (Noordwijk, The Netherlands)</p> |
| Present Position | ⁽¹⁾ Part-time PhD student / ⁽²⁾ Full-time engineer |
| Name of other entities involved in the paper | European Space Agency (Noordwijk, NL), Norwegian Institute of Food Fisheries and Aquaculture Research (Tromø, Norway) |
| Experience related to the presentation (Max 150 words) | <p>Carlos Urbina Ortega received his M.Sc. in Telecommunication Engineering in the University of Alcalá, Spain in 2011. He has worked on the on-board control and data processing electronics for small satellites like INTAμSAT-1 (INTA/SRG), Panel-SAR (SSBV). Since 2014 he has been responsible for the platform and payload data-handling subsystem in several missions in the European Space Agency. In the frame of his PhD, since 2019 he actively researches in the field of applied super-resolution of hyperspectral images.</p> |