Jean-Luc Issler is a senior expert in RF space transmissions, for TT&C, High Data Rate-TeleMetry (HDR-TM), proximity links, and PNT. He is with CNES since 1990. Between 1996 and 2004, he was head of the "***R**adio **N**avigation*" department, then of the "*signal processing and **T**ransmission **T**echniques*" department between 2004 and 2009, and then of the "**I**nstrumentation **T**elemetry & telecommand and **P**ropagation" department. He was also technical responsible of the development of many flight TT&C, HDR-TM, ISL and PNT equipments, and hold 12 patents in transmissions.

He participates to CCSDS standardisation of the physical layers since 2009, mostly in SLS WGs, and also in MOIMS WIReless WG. He represents CNES at SFCG since 2016, on TT&C, HDR-TM, ISL, lunar PNT, lunar Communications and lunar Radars. He was designated by french Ministry of Reasearch to support french radioastronomers on protection of Radio Astronomy in the Shielded Zone of the Moon. He is the CNES representative of the IOAG Committee to Study LunaNet Governance (CSSG). He also take part to some International Committee GNSS (ICG) meetings. He was also the CNES representative of the Optical Link Study Group (OLSG) and 26 GHz study group of IOAG.

Since 2017, he is Senior Advisor in the Radio Frequency sub-directorate, to mostly provide technical supports to his CNES colleagues and for international collaborations in RF and optical transmissions.

He was also technical responsible of the CNES Purchasing Policy related to CNES electronics flight hardwares and related test benches. Issler was a member of the european team which developed the signalling technology for Galileo, Europe's global navigation satellite system (GNSS).

He has received the Astronautic Prize of the French Aeronautical and Astronautical Association (AAAF), as well as the Aeronautical and Space Science and Engineering Prize of French Academy of Sciences. He is a winner of the European Inventor Award 2017 in the Research Category, and is jury member of the 2020/2021 European Inventor Award.