

KEYNOTE ADDRESS

# *The Titanic's myth*

*a century of legend and technology*

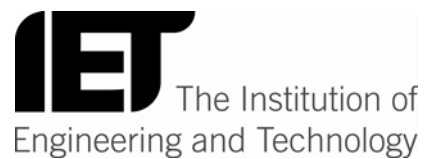


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## Synopsis

The story of the Titanic and the iceberg has grown into a legend of the sea. It took her discovery in 1985 to begin to find the truth behind the myth.

One of the things that makes the Titanic so fascinating is that she represented the best of technology when she set sail on her ill-fated voyage in 1912, and it took the best of technology in the form of sonar, satellite tracking, and deep-dive technology to locate her grave 73 years later.

In the early 1900's, waterborne transportation was the norm; today, satellites are taken for granted by our society. But we tend to forget the immense effort that these two technologies require to operate to their maximum potential. Until recently, the technology did not exist to locate, photograph, and explore this ship that rested two and a half miles (about 4.000 meters deep) down on the ocean floor.

The author present the technical scenario for the construction, the journey and the wreck discovery of the RMS Titanic. At that time, the largest and most luxurious ship ever build.

The following development in the navigation domain will be presented too, highlighting the challenges being faced, the progress made to date and the expected developments in this field.

## About the Speaker(s)

**Michele FIORINI** is principal engineer at SELEX - Sistemi Integrati, a Finmeccanica company, in Rome, Italy. His working interests are mainly concerned with command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR), homeland protection and vessel traffic services (VTS). His current work is technical head for the "*Zautomatyzowanego Systemu Radarowego Nadzoru (ZSRN) polskich obszarów morskich / Automatic National System of Radar Control (ZSRN) for Maritime Areas of Poland*". Work which has taken him often to Gdańsk, Poland, in the past few months. Educated at PhD level, he is a UK chartered engineer (CEng) and member of the architecture technical working group (WG5) e-Navigation committee at the International Association of marine aids to navigation and Lighthouse Authorities (IALA), Paris. He served in London on different committees and boards of the IEE and IET from 2003 to 2009 including Council and Qualification Board where he was the first non-UK member elected ever. He is author and co-author of about 70 papers and project documents and served in the technical committee of many international conference on communications, surveillance and transport systems. He is chairman of the IET Italy Network.

**Flavio TESTI** is Electrical Engineer with a Industrial Management specialization. He followed many technical, management and marketing courses at Polytechnic and SDA Bocconi University - Milan, ISTUD - Novara, Stratex – Montreaux (CH). His experience started with Factory Automation applications, Computer Numerical Controls for machine tools, Computer Integrated Manufacturing, Robotics. He reached managing positions in international companies: Elsag Elettronica San Giorgio, Digital Equipment, Atlas Kopco, Baan Company, Siemens Nixdorf, Bull HN Information System, Marconi Communications. Actually, he is partner of Alfaproject.net for high level consultancy on company processes, value chain and RfID applications. Author or co-author of 4 technical books and 150 published articles on magazines in Italy, Germany, England, Poland, Russia. IET Member (MIET).