

Serdjo Kos

Full professor (tenure) at Faculty of Maritime Studies , University of Rijeka. **Member of Council , the Royal Institute of Navigation (RIN) , London , UK.** Member of the International Executive Board, International Association of Maritime Universities (IAMU), Tokyo, Japan. Editor-in-Chief of the Scientific Journal of Maritime Research – „Pomorstvo“ - ISSN: 1332-0718, e-ISSN: 1846-8438. Dean of the Faculty of Maritime Studies Rijeka. Chairman of the Croatian branch of the British Royal Institute of Navigation, and President of the Association of higher education Maritime institutions of the Republic of Croatia. B.Sc. Nautical sciences, University of Rijeka. M.Sc. , Ph.D. technical sciences , University of Rijeka. Member of 3 EU and 4 national projects team. Member of scientific and organising committees at more than 10 international conferences. Published 8 books, more than 120 scientific and technical papers in scientific journals and conference proceedings. Commission Chairman of the professional exams in the Croatian Chamber of Traffic and Transport Technology , in the professional class of Maritime Transport Engineers and Traffic engineers on the inland waterways of the Republic of Croatia.

Research fields: Loxodromic and orthodromic navigation theories; Terrestrial, Electronic and Astronomic navigation; Satellite and inertial navigational systems (Positioning errors of the GNSS systems regarding ionospheric and tropospheric delay, Correction of the Klobuchar model, Positional dilution of precision of the GNSS Systems, Space weather, Satellite positioning errors related to the extreme space weather/ionospheric and geomagnetic effects, Ionospheric monitoring for satellite navigation, Dynamics of ionosphere, GeoRSS systems and technologies, etc.); Multimodal transport networks; Intermodal, Integrated/Multimodal transport systems , Optimization and simulations in maritime transport and Risk assessment of electronic navigation utilisation.