

iFPC & OS 2023

2ND INTERNATIONAL FUSION AND PLASMA CONFERENCE &
13TH INTERNATIONAL CONFERENCE ON OPEN MAGNETIC SYSTEMS FOR PLASMA CONFINEMENT
AUGUST 21-25, 2023 | BPEX, BUSAN, KOREA



John VERBONCOEUR

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Biography

- Computational plasma physics, electromagnetics, beam physics, high field effects including sheath formation, field emission, multipactor, and breakdown, laser-plasma interactions, plasma edge effects, transport, numerical methods, object-oriented techniques applied to scientific computing, visualization, plasma waves and boundary phenomena. Applications include microwave-beam devices, charged particle beam optics, fusion and other energy applications, accelerators, plasma thrusters, low pressure discharges for plasma processing, and high pressure discharges including plasma display panels and fluorescent lamps.