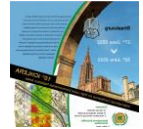




10th International Conference on
High Level Environmental Radiation Areas
Strasbourg, 27 - 30 June 2022, Strasbourg – France
<http://ichlera2020.fr>



Special Oklo'50 Anniversary

Location :

[Institut de Science et d'Ingénierie Supramoléculaires \(ISIS\)](#)
[8 allée Gaspard Monge, 67000 Strasbourg](#)

Tuesday 28th June 2022

Session Ok 1 : A. Oklo, from Natural core breeding to the Oklo discovery	
14h00 - 14h20	Talk Ok 1.1 : F. GAUTHIER-LAFAYE (Strasbourg, France) The Oklo phenomenon, discovery, first questions, first answers
14h20 - 14h40	Talk Ok 1.2 : J.F. DOZOL (Cadarache, France) From routine sample measurements in CEA to the Oklo phenomenon
14h40 - 15h00	Talk Ok 1.3 : J.C. NIMAL (Paris, France) * Historical simulations of Oklo cores
15h00 - 15h20	Talk Ok 1.4 : D. LOUVAT (Paris, France) Oklo natural analogue of radioactive waste disposal, summary of European Commission projects' results (1991-1999)
15h20 - 15h40	Talk Ok 1.5 : S.E. BENTRIDI (Khemis-Miliana Algeria) Influence of Initial poisons and clays on the criticality of Oklo natural nuclear reactors
15h40 - 16h10	Coffee Break + Onsite Poster Session
Session Ok 2 : From Oklo samples to natural core simulations	
16h10 - 16h30	Talk Ok 2.1 : A. EL ALBANI (Poitiers, France) The Gabonionta: Great Oxidation Event, reactors and Life...
16h30 - 16h50	Talk Ok 2.2 : A. MESHNIK (Washington, USA) Natural Nuclear Reactors: prediction, search, discovery, operation and implications
16h50 - 17h10	Talk Ok 2.3 : H. HIDAHA (Nagoya, Japan) Evidences of fast neutron operating in Oklo
17h10 - 17h30	Talk Ok 2.4 : E.D. DAVIS (Kimberley South Africa) * The Oklo natural fission reactors and dynamical models of dark energy
17h30 - 17h50	Talk Ok 2.5 : B. GALL (Strasbourg, France) Parallel between natural Oklo cores and industrial reactors operating