

*Special joint
seminar of
CRIEPI and IER

26th November

13:00-16:10

6th floor
IER Main Bldg.

A lagrangian model analysis of spatiotemporal particle behavior for radiocesium and marine food chain transfer

-ラグランジュモデルによる
放射性セシウム粒子時空間分布解析と
海洋食物連鎖寄与の解明-

Program

13:00-13:05	Opening and seminar objective	Daisuke Tsumune CRIEPI
13:05-13:25	Mass balance and latest fluxes of radiocesium derived from Fukushima accident in the western North Pacific Ocean and coastal regions of Japan	Michio Aoyama Univ. Tsukuba
13:25-13:45	Impacts of direct release and river discharge on oceanic ¹³⁷ Cs derived from the Fukushima Dai-ichi Nuclear Power Plant accident	Daisuke Tsumune CRIEPI
13:45-14:05	Nearshore transport of suspended radiocesium in the Fukushima coast derived from Niida River during Typhoon Wipha in fall 2013	Yusuke Uchiyama Univ. Kobe
14:05-14:25	Lagrangian modeling of the radionuclide transport in marine environment	Igor Brovchenko NASU, Ukraine
14:25-14:45	Reconstruction of radiocesium level in sediment off Fukushima: Simulation analysis of bioavailability using parameter derived from observed ¹³⁷ Cs concentrations	Yutaka Tateda CRIEPI
14:45-15:05	Break	
15:05-15:25	Radiocesium contamination of fish in river and pond environments near the Fukushima Daiichi Nuclear Power Plant	Toshihiro Wada IER
15:25-15:45	Temporal variations in ¹³⁷ Cs concentration in river waters under high-flow conditions	Yoshifumi Wakiyama IER
15:45-16:05	Discussion	
16:05-16:10	Closing remarks	

*本セミナーは環境放射能学専攻(修士課程)の環境放射能学IIの一環としても開催します。