Markov-chain Monte Carlo: A modern primer
by Prof. Werner Krauth (Ecole Normale Supérieure Paris)
Taking place at the University of Kent, 14.-17. Nov 2022

Werner Krauth is a world leading expert in computational physics and has authored a large number of innovative Monte-Carlo approaches to both classical and quantum many-body systems. Examples include works on the glass transition, precision calculations of the hard-sphere problem, early developments of dynamical mean field theory, and more recently, a new class of "Beyond Metropolis" algorithms for event chain Monte-Carlo techniques.

In addition to his impact in science, Werner is well known as a passionate educator, and has authored a popular book on "Statistical Mechanics: Algorithms and Computations" (2006) following his signature pedagogical style in explaining physics and computation via simple algorithms. The lectures have also excelled as a Massive Open Online Course under the same title (https://www.coursera.org/learn/statistical-mechanics), drawing tens of thousands of students, globally.

Please join us for Werner's short lecture series during Nov 14.-17.
To facilitate planning, please register your participation online at
https://forms.office.com/r/1K1ZKWXeyr (or use QR code, below).

All queries regarding organisation to Dr G. Möller: G.Moller@kent.ac.uk.

Times and Locations

Date: 14-11-2022, 2pm-4pm Room: ILT, Ingram Building	Date: 16-11-2022, 12pm-2pm Room: SLT1, Stacey Building
Date: 15-11-2022, 2pm-4pm Room: KENSR1, Kennedy Building	Date: 17-11-2022, 1pm-3pm Room: SLT1, Stacey Building