

ビジュアルコンピューティングセミナー2017-05

下記の要領で、今年度第5回のセミナーを開催しますのでご参集ください。

日 時: 2018年3月19日(月) 13:00~15:00

場 所: 慶應義塾大学矢上キャンパス 14棟 219室

演 題: Explorantion



講 師: Prof. Anders Ynnerman
Director of the Norrköping Visualization Center C.
Linköping University, Sweden

要 旨: This talk will take its starting point in the on-going convergence of exploratory and explanatory visualization paradigms. Based on the general availability of processing power, access to data and ever improving visualization methods, explanatory visualization can be data driven and fully interactive. This leads to a paradigm shift in visual learning and communication, enabling a new generation of installations and demonstrations at public venues such as, museums, planetariums and science centers. At the same time, explanatory methods can pave the path for new approaches to exploration and workflows for domain experts, and also improve internal team communication. The talk will elaborate on how the cycle from exploratory to explanatory visualization can be closed, leading to notion of "explorantion". Examples will be taken from a range of applications domains such as the volumetric rendering of exotic animals and mummies on touch tables as well as visualization of space exploration using the OpenSpace software in large scale dome theaters.

略 歴: Professor Anders Ynnerman received a Ph.D. in physics from Gothenburg University, Sweden. From 1997 to 2002 he directed the Swedish National Supercomputer Centre and from 2002 to 2006 he directed the Swedish National Infrastructure for Computing (SNIC). Since 1999 he has held the chair in scientific visualization at Linköping University and since 2010 he is the director of the Norrköping Visualization Center C.

Ynnerman is a member of the Royal Swedish Academy of Sciences and the Swedish Royal Academy of Engineering Sciences. In 2007 Ynnerman was awarded the Akzo Nobel Science award. In 2010 he received the Swedish Knowledge Award for dissemination of scientific knowledge to the public. In 2011 he received the IVA gold medal from the King of Sweden and In 2017 he was awarded the King's honorary medal for contributions to medical visualization.

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