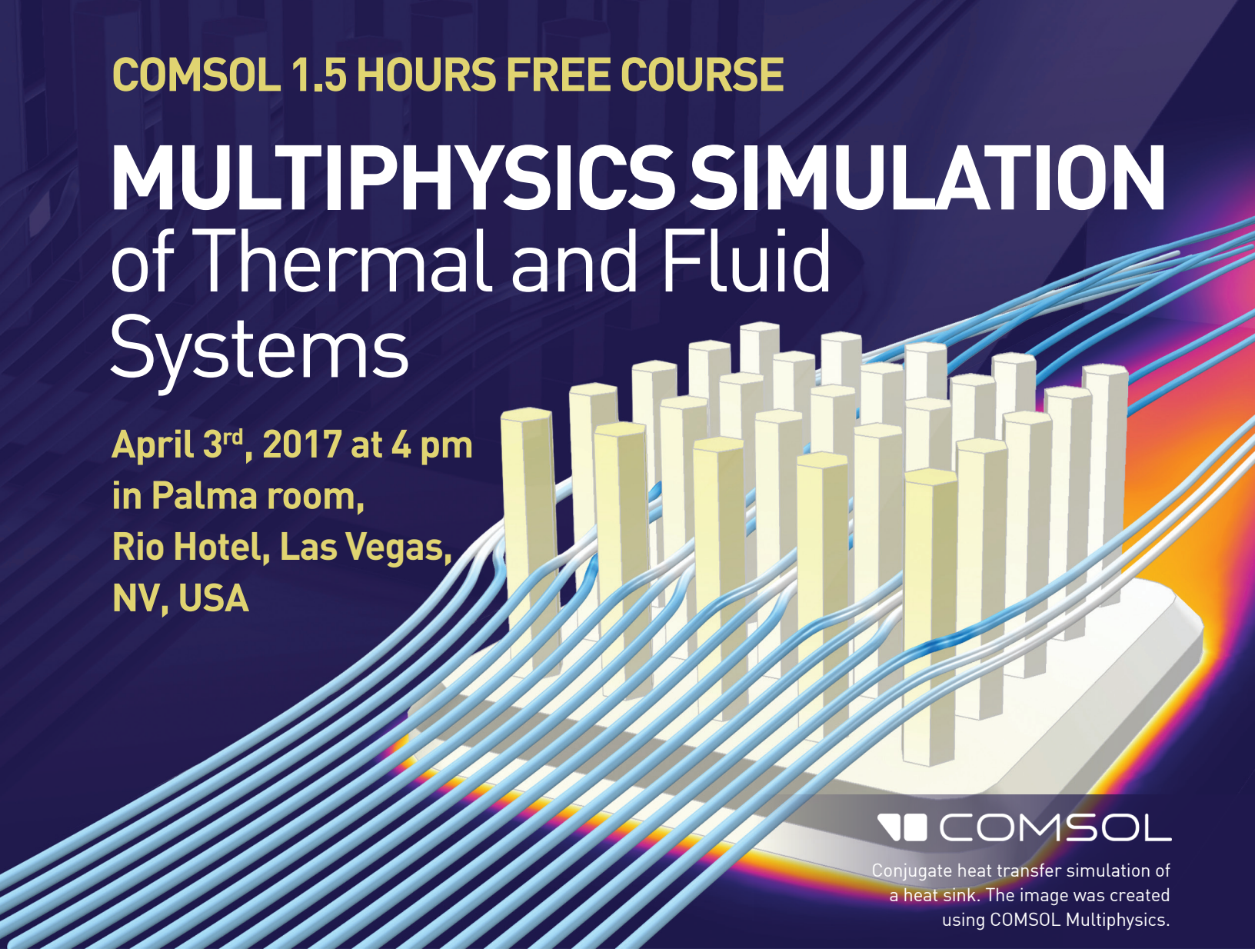
COMSOL 1.5 HOURS FREE COURSE

MULTIPHYSICS SIMULATION of Thermal and Fluid Systems

April 3rd, 2017 at 4 pm
in Palma room,
Rio Hotel, Las Vegas,
NV, USA



Conjugate heat transfer simulation of a heat sink. The image was created using COMSOL Multiphysics.

Engineers and scientists are turning to the accuracy of multiphysics modeling software to optimize their designs and for deeper understanding of processes involving fluid flow and heat transfer. The ability to simulate conjugate heat transfer together with other physics is being used for applications such as:

- **Heat exchangers**
- **Thermoelectric cooling**
- **Bioheating**
- **Laser heating**
- **Thermal lensing**
- **Electronic cooling**
- **Induction heating**
- **RF heating**

This minicourse introduces you to multiphysics simulation using COMSOL Multiphysics® software. The design of a heat sink is used to demonstrate step-by-step how to model conjugate heat transfer.

David Kan

David Kan is COMSOL's vice president of sales for the southwestern region of the US. He set up the Los Angeles branch office of COMSOL in 2001 and received a PhD in applied mathematics from UCLA in 1999.

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