

# Tays Workshop on EGSnrc Monte Carlo Software

3 – 7 September 2018  
Tampere, Finland

Tampere University Hospital is organizing an international workshop on EGSnrc Monte Carlo Software.

Monte Carlo (MC) methods are considered the gold standard for radiation transport simulations. MC methods are particularly well-suited for medical physics applications.

In September 2018 we will organize a hands-on course about the EGSnrc software toolkit. The workshop will cover

- the fundamentals of MC radiation transport
- the principles and design of EGSnrc
- a practical overview of the BEAMnrc, DOSXYZnrc, and egs++ applications.

The workshop provides the perfect balance of hands-on labs and theory. The participants are expected to have a working Linux experience (basic bash commands, symbolic links, environment variables, etc). The course will be organized with minimum of 15 participants to maximum of 20 participants. The course will be filled in the order of registrations.

Workshop fee is 1200€ and in the registration, 300€ pre-payment needs to be made.

See for more information:

[www.tays.fi/EGSnrc](http://www.tays.fi/EGSnrc)

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**Instructors:**

E. Mainegra-Hing, NRC  
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**Registration:**

Open until 30 April 2018  
via link:

<http://bit.ly/EGSnrc18>