



WMC 2017

Workshop on Monte Carlo

ACOMP Workshop on Monte Carlo Simulation of Head LINAC modelling and Dose Calculation

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Objectives

To provide the fundamental understanding in Monte Simulation of Head LINAC modelling and dose calculation based on EGSnrc code

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Activities

- ✓ Understand Monte Carlo simulation in particle transport for radiotherapy
- ✓ Design the head LINAC and phantom
- ✓ Calculate dose in phantom and in based CT-scan patient images.
- ✓ Commissioning the head LINAC model
- ✓ Install and running the EGSnrc-code in cluster computer
- ✓ Design VMAT delivery technique in EGSnrc-code



Venue

Physics Department, Faculty of Mathematics and Natural Sciences,
Institut Teknologi Bandung, Indonesia



Registration fee

Local participant	:	
Students	:	IDR 1.500.000
Non-Students	:	IDR 2.000.000
International participant	:	
Students	:	US\$ 150
Non-Students	:	US\$ 200

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Important dates

- ✓ Registration : 1 March 2017
- ✓ Notification of Acceptance : 24 April 2017
- ✓ Payment deadline : 5 June 2017
- ✓ Workshop day : 11-14 July 2017



Lecturers

Freddy Haryanto and Team (Institut Teknologi Bandung)
Andrew Fielding (Queensland University of Technology)



Contact Person

Freddy Haryanto (Local Organizer)
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