



# ISODARCO

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INTERNATIONAL SCHOOL ON  
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31<sup>st</sup> Winter Course

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## THE EVOLVING NUCLEAR ORDER: NEW TECHNOLOGY AND NUCLEAR RISK ANDALO (TRENTO), ITALY – 7-14 JANUARY 2018

Advances in robotics, artificial intelligence, data processing, geospatial analysis, and other technologies are primed to transform every aspect of human life including nuclear deterrence. With every nuclear-armed state investing in nuclear and conventional modernization we are

at the cusp of a new arms race. How do we manage nuclear risk in a world where the drivers of military advantage, from cyber to automation, are dual use and only partially controlled by governments? What effects will technological change have on the existing nuclear order? How can we assess the impact, whether positive or negative, of new technological developments and how do we

discriminate between serious challenges and minor problems? What happens when technological uncertainty intersects with political crises in Eastern Europe, the Korean peninsula, the Taiwan straits, the Middle East or South Asia? What can we do to mitigate risks in a new nuclear era where old rules may not apply?

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