

Risk assessment of nuclear accidents

James H. (Jimmy) Belfer Memorial Symposium

Butler Auditorium, Technion, October 29, 2012

Keynote speaker: **Dr Jerry Cuttler**, Cuttler & Associates Inc. Canada

Radiation hormesis and criteria for evacuation in case of nuclear accidents

Conference Scope: During the last three decades the world witnessed several nuclear disasters, and it is clear now that with some likelihood such events may happen also in future. The symposium addresses different aspects of nuclear accidents' risk assessment, radiation damage mitigation and preparedness of the population and of the Israeli government agencies vis-à-vis the existing nuclear challenges in our region and the vast knowledge accumulated and published on the damage caused by radiation. This knowledge is used to review existing norms of population protection against nuclear threats, which involve enormous expenditures and unnecessary human suffering. Participation in the symposium is free of charge.

Topics to be discussed

- ✧ **Radiological aspects of multi-casualties' disasters**
- ✧ **Future nuclear installations in the Middle East: possible accidents and consequences**
- ✧ **Chernobyl's legacy: predictions and their verification**
- ✧ **Models of nuclear radiation damage**
- ✧ **Nuclear safety standards**
- ✧ **Information flow concerning nuclear threats**
- ✧ **Decision-making in nuclear legislation and regulation**
- ✧ **Human factors in nuclear accidents' evolvement**

Organizing Committee

Professor Ezra Elias, Technion

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Wild (Przhevalski) horses in the Chernobyl forest