

1. Record Nr.	UNINA9910957973003321
Titolo	Trends in science and technology relevant to the Biological and Toxin Weapons Convention : summary of an international workshop : October 31 to November 3, 2010, Beijing, China / / convened in cooperation with Chinese Academy of Sciences, IAP--The Global Network of Science Academies, International Union of Biochemistry and Molecular Biology, International Union of Microbiological Societies ; Katherine Bowman ... [et al.], rapporteurs ; National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2011
ISBN	9786613081643 9780309209328 0309209323 9781283081641 1283081644 9780309209304 0309209307
Edizione	[1st ed.]
Descrizione fisica	1 online resource (57 p.)
Altri autori (Persone)	BowmanKatherine
Disciplina	327.1745
Soggetti	Biosecurity Biological weapons - Technological innovations Chemical weapons - Technological innovations Arms control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International workshop held at the Institute of Biophysics of the Chinese Academy of Sciences.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Front Matter""; ""Preface and Acknowledgments""; ""Contents""; ""Summary""; ""INTRODUCTION""; ""INTRODUCTION TO THE THEMES, GOALS, AND CONTEXT OF THE WORKSHOP""; ""DEVELOPMENTS IN DESIGN, FABRICATION, AND PRODUCTION""; ""DEVELOPMENTS IN DESIGN, FABRICATION, AND PRODUCTION, CONTINUED""; ""DISPERSAL AND DELIVERY""; ""DETECTION, IDENTIFICATION, AND MONITORING""; ""DEFENSE AND COUNTERMEASURES""; ""COMMUNICATION"";

""WORKSHOP DISCUSSION SESSIONS AND FINAL REMARKS"";  
""REFERENCES""; ""Appendix""  
""COMMITTEE ON TRENDS IN SCIENCE AND TECHNOLOGY RELEVANT TO  
THE BIOLOGICAL WEAPONS CONVENTION: AN INTERNATIONAL  
WORKSHOP""""WORKSHOP RAPPORTEURS""; ""WORKSHOP AGENDA"";  
""PARTICIPANT LIST""

---

## Sommario/riassunto

This report offers a summary of the substantive presentations during an international workshop, Trends in Science and Technology Relevant to the Biological and Toxin Weapons Convention, held October 31 - November 3, 2010 at the Institute of Biophysics of the Chinese Academy of Sciences. It is meant to provide scientists and other technical experts with factual information about the range and variety of topics discussed at the workshop, which may be of interest to national governments and non-governmental organizations as they begin to prepare for the 7th Review Conference of the Biological and Toxin Weapons Convention (BWC) in 2011. The Beijing workshop reflected the continuing engagement by national academies international scientific organizations, and individual scientists and engineers in considering the biosecurity implications of developments in the life sciences and assessing trends in science and technology (S&T) relevant to nonproliferation. The workshop provided an opportunity for the scientific community to discuss the implications of relevant developments in S&T for multiple aspects of the BWC. Trends in Science and Technology Relevant to the Biological and Toxin Weapons Convention follows the structure of the plenary sessions at the workshop. It begins with introductory material about the BWC and current examples of the types and modes of science advice available to the BWC and other international nonproliferation and disarmament agreements, in particular the Chemical Weapons Convention (CWC). This report includes only a very brief description of the some of the post-presentation discussions held during the plenary sessions - and does not include an account of the small breakout groups - since these were intended to inform the committee's finding and conclusions and will be reflected in the final report.

---