



The Human Factor in the Integrated Approach to Cyberdefence

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ABSTRACT:

This editorial article presents the objectives of the NATO Science and Technology Organization, Human Factors and Medicine Panel Research Workshop (RWS), held on 16-18 April, 2018, in Sofia, Bulgaria, and its main results published in this volume.

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This volume is collection of some selected papers presented at the International NATO Science and Technology Organization (STO), Human Factors and Medicine (HFM) Panel Research Workshop (RWS) held on 16-18 April, 2018, in Sofia Bulgaria.

The workshop was organized by NATO STO HFM Research Task Group "Human system integration approach to cyber security" (NATO STO HFM – 259 RTG). During the Research Workshop thirty seven authors from nine NATO and Partnership for Peace nations submitted 28 presentations in three days sessions.

The local host was the Bulgarian Defence Institute "Prof. Tsvetan Lazarov."

The goals of the workshop were:

- To promote cybersecurity system thinking including the Human Factors (HF) in defence domain;

- To explore and address the range of HF topics/issues relevant to cyber security;
- To summarize conclusions and recommendations for how human factors can enhance cyber defence in national and Allied format.

The RWS brought together experts including civilian policy-makers, military leaders at the strategic and operational levels, human factors of cyber security experts, industry who develop cyber security tools, academia, non-governmental organizations, media, etc.

This volume encompasses one of the keynote addresses presented by Professor Alan Brill, a senior managing director with Kroll' Cyber Risk practice, the U.S., as well as papers from Professor Alfredo Ronchi from Politecnico di Milano, Italy, Prof. Yantsislav Yanakiev from the Bulgarian Defence Institute "Prof. Tsvetan Lazarov" and Assoc. Prof. Dimitrina Polimirova from the National Laboratory of Computer Virology at the Bulgarian Academy of Sciences, MG (Ret) Dr. Sabi Sabev, Bulgaria, Prof. Todor Tagarev and Ambassador Valeri Ratchev, both from the Bulgarian Academy of Sciences, and Mr. Veselin Monev, Information security professional.

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Disclaimer

The views expressed and opinions expressed in this book are responsibility of the authors and do not necessarily represent the views of the Bulgarian Ministry of Defence and Defence Institute "Prof. Tsvetan Lazarov."

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