

Preface

This volume collects the revised proceedings of the 23rd International Security Protocols Workshop, held at Sidney Sussex College, Cambridge, UK, from March 31 to April 2, 2015.

The theme of this workshop was “Information Security in Fiction and in Fact.”

Fiction can become fact: mobile phones look and operate the way they do because the engineers who design them watched Star Trek when they were children. But yesterday’s facts also become today’s fictions: today most privacy protocols are theatrical performances, albeit not always playing to a live audience.

How is information security handled in fiction, and what aspects of this could we emulate in next-generation technology if we tried? And how much of what we do now should actually be relegated to writers of historical fiction?

As with previous workshops in this series, each paper was revised by the authors to incorporate ideas that emerged during the workshop. These revised papers are followed by an edited transcript of the presentation and ensuing discussion.

Our thanks to Lori Klimaszevska for the initial transcription of the recorded workshop discussions, and to all authors for their kind and timely collaboration with revising these transcripts and their position paper. Particular thanks to Simon Foley and Virgil Gligor for joining us on the Program Committee.

We hope that these proceedings will inspire you to turn a fictional security protocol into fact — or back again — in time for next year’s workshop.

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