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Security Protocols

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Revised Selected Papers

Volume Editors

Bruce Christianson
James A. Malcolm
University of Hertfordshire
Computer Science Department
Hatfield AL10 9AB, UK
E-mail: {b.christianson,J.A.Malcolm}@herts.ac.uk

Bruno Crispo
Vrije Universiteit
De Boelelaan 1081, 1081 HV Amsterdam, The Netherlands
E-mail: crispo@cs.vu.nl

Michael Roe
Microsoft Research Ltd
7 J.J. Thomson Avenue, Cambridge CB3 0FB, UK
E-mail: mroe@mircosoft.com

Preface

Greetings. These are the proceedings of the 11th in our series of International Workshops on Security Protocols. Our theme this time was "Where have all the Protocols gone?" Once upon a time security protocols lived mainly in the network and transport layers. Now they increasingly hide in applications, or in specialised hardware. Does this trend lead to better security architectures, or is it an indication that we are addressing the wrong problems?

The intention of the workshops is to provide a forum where incompletely worked out ideas can stimulate discussion, open up new lines of investigation, and suggest more problems. The position papers published here have been revised by the authors in the light of their participation in the workshop. In addition, we publish edited transcripts of some of the discussions, to give our readers access to some of the roads ahead not (yet) taken. We hope that these revised position papers and edited transcripts will give you at least one interesting idea of your own to explore. Please do write and tell us what it was.

Our purpose in publishing these proceedings is to produce a conceptual map which will be of enduring interest, rather than to be merely topical. This is perhaps just as well, given the delay in production. This year we moved to new computer-based recording technology, and of course it failed completely. Fortunately various domestic recorders had been smuggled into the venue, but picking the signal bits out of the noise has taken a long time, and we have had to insert more than the usual number of epicycles to make the discussions come out right.

Our thanks to Sidney Sussex College Cambridge for the use of their facilities, to Lori Klimaszewska of the University of Cambridge Computing Service for the even worse than usual task of transcribing the audio tapes (in which the reverse use of "two rings" provided a test for creative intelligence) and to Johanna Hunt at the University of Hertfordshire for helping us with the Ptolemeic editing of the results.

Lent 2005

Bruce Christianson
Bruno Crispo
James Malcolm
Michael Roe

Previous Proceedings in This Series

The proceedings of previous International Workshops on Security Protocols have also been published by Springer as Lecture Notes in Computer Science, and are occasionally referred to in the text:

10th Workshop (2002), LNCS 2845, ISBN 3-540-20830-5
9th Workshop (2001), LNCS 2467, ISBN 3-540-44263-4
8th Workshop (2000), LNCS 2133, ISBN 3-540-42566-7
7th Workshop (1999), LNCS 1796, ISBN 3-540-67381-4
6th Workshop (1998), LNCS 1550, ISBN 3-540-65663-4
5th Workshop (1997), LNCS 1361, ISBN 3-540-64040-1
4th Workshop (1996), LNCS 1189, ISBN 3-540-63494-5

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* Speakers.