Message from the Program Chairs

It is with great pleasure that we welcome you to the 1990 IEEE Symposium in Research on Security and Privacy, sponsored by the IEEE Technical Committee on Security and Privacy, in cooperation with the International Association of Cryptologic Research (IACR). Throughout the past eleven years, these symposia have focused on both theoretical and practical research results. The topics addressed this year reflect the community's deepening interest in a wide range of areas, including database security, information flow, access control, integrity, authentication, auditing and intrusion detection, verification, and covert channels.

A significant sign of the maturing of our field is the commercial commitment to security evident from the half dozen papers from Digital Equipment Corporation describing various aspects of their integrated security architecture. This heralds a new era for computer security. In this new era, vendors will routinely address security in all their products, and users will come to expect security from their products just as they now expect user-friendliness and performance.

Fully a quarter of the papers submitted to the conference dealt with database security. The papers you see in the program manifest the recent blossoming of research in this area. These nine papers reflect the breadth of this subfield, covering such aspects as object-oriented systems, statistical inference, aggregation, polyinstantiation, security management, conflicts with integrity, concurrency controls, and data modeling.

This year there were more papers submitted than ever before, from North America, Europe, Asia and Australia, and we had the difficult job of choosing among many excellent papers. We could accept only a third of those submitted, and as a result many qualified papers were necessarily excluded from the program. For assisting us in making our selections, we are indebted to the reviewers who form our program committee. Beyond merely recommending papers for the conference, the reviewers perform the important and often unacknowledged and anonymous service of improving the quality of the papers that are accepted and of contributing to the caliber of the research of the authors whose papers are rejected. We extend our wholehearted thanks to our reviewers.

But program chairs and committees do not a program make. The quality of the conference rests primarily with the authors who take the time and effort to document their research and submit their papers here for consideration. We recognize the enormity of that task and also the wide-ranging and high-quality research represented by the authors of the submitted papers. We are honored to have a part in bringing these technical papers to the community.

In addition, we gratefully acknowledge the conference organizers, especially Deborah Downs and Daniel Schnackenberg, for their hard work in the nuts and bolts of making the conference happen. Finally we thank you, all the conference participants, not only for coming to the conference, but also for the contribution to the field that your attendance here represents.

Deborah M. Cooper Teresa F. Lunt
Program Co-Chairs