Recent Advances in Intrusion Detection 2006
Ninth International Symposium

"Big Challenges, Big Ideas"

September 20-22, 2006
University of Hamburg "Edmund Siemers Allee 1"
Hamburg, Germany
http://www.raid06.tu-harburg.de/

Call for Papers

This symposium, the ninth in an annual series, brings together leading researchers and practitioners from academia, government, and industry to discuss issues and technologies related to intrusion detection and defense. The Recent Advances in Intrusion Detection (RAID) International Symposium series is intended to further advances in intrusion defense by promoting the exchange of ideas in a broad range of topics.

The theme for RAID 2006 is "Big Challenges, Big Ideas." The intent is to promote submissions that describe important problems that still have to be solved in intrusion defense and related areas, as well as bold, innovative ideas that may shape the future of the field. Papers submitted as "Big Challenge" or "Big Idea" will be evaluated using different criteria by a separate committee, placing more importance in their novelty and value than in completeness or experimental results. Those selected for inclusion in the program will be printed in the regular RAID proceedings.

As in previous years, all topics related to intrusion detection, prevention and defense systems and technologies are within scope, including but not limited to the following:

• Risk assessment and risk management	• IDS survivability and self-protection	• Cognitive and Biological approaches
• Intrusion tolerance	• IDS cooperation and integration	• Other correlation and analysis techniques
• Deception systems and honeypots	• IDSs in high-performance and real-time environments	• Self-learning
• Vulnerability analysis and management		• Case studies
• Vulnerabilities and attacks	• Privacy aspects	• Legal and social issues
• Intrusion Detection System (IDS) assessment	• Data mining techniques	• Critical infrastructure protection
	• Visualization techniques	

The RAID 2006 Program Committee invites four types of submissions:

• Full papers presenting mature research results.

• "Big Challenge" and "Big Idea" papers describing fundamental problems that have not yet been tackled by intrusion detection research, or bold ideas for potential research or solutions. "Big Challenge" papers do not necessarily have to suggest a solution to the problem they present, but need to present an important problem in a serious, informed and convincing manner. In a similar fashion, "Big Idea" papers do not need to present a fully developed piece of research, and may introduce immature, risky or even controversial concepts. These papers will be judged by a separate committee consisting of RAID steering committee members, and will be evaluated on their novelty and their promise for interesting research.

Both types of papers accepted for presentation will be included in the RAID 2006 proceedings published by Springer Verlag in its Lecture Notes in Computer Science (http://www.springer.de/comp/lncs/index.html) series. Papers are limited to 20 pages when formatted according to the instructions provided by Springer Verlag (http://www.springer.de/comp/lncs/authors.html), and must include an abstract and a list of keywords.

• Panel proposals for presenting and discussing hot topics in the field of intrusion detection systems. The panel proposals should include both an outline of the format of the panel and a short rationale for the panel. Panels that include time for general discussion and questions/answers between the panelists and the audience are preferred.

• Poster sessions describing work in progress. Submissions must consist of a one-page abstract.

Submissions must not substantially duplicate work that any of the authors has published elsewhere or has submitted in parallel to any other conference or workshop with proceedings. Papers must list all authors and their affiliations; in case of multiple authors, the contact author must be indicated (RAID does not require anonymized submissions). For accepted papers, it is *required* that at least one of the authors attends the conference to present the paper. *The presenting author must be registered by the date of the camera-ready submission.*

All submissions (papers, panel and poster proposals) must be submitted electronically, through the web submission interface available at https://conference.zurich.ihost.com/start/RAID06/submit.html. Questions on the submission process may be sent to the program chair.

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Important dates

Deadline for paper submission: March 31, 2006
Deadline for panel submission: April 30, 2006
Notification of acceptance or rejection: June 9th, 2006
Final paper camera ready copy: July 2nd, 2006
Deadline for poster abstract submission: July 7th, 2006
Notification for poster acceptance: August 4th, 2006
RAID conference dates: *September 20-22, 2006*

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We solicit interested organizations to serve as sponsors for RAID 2006, particularly in sponsorship of student travel and other expenses for RAID. Please contact the Sponsorship Chair for information regarding corporate sponsorship of RAID 2006.

For further information, please visit the RAID web site or contact the Program Chair or the General Chair.