

Foreword

The second Workshop on Attribute Based Access Control (ABAC '17), held in conjunction with the 7th ACM Conference on Data and Applications Security and Privacy (CODASPY 2017), continues to foster a community of researchers interested in all aspects of attribute based access control. Major challenges remain to be addressed for ABAC to be effective in practice including ABAC policy engineering and mining, attribute assurance, usable administration, ABAC enforcement, and balancing expressive power with usability.

ABAC '17 features papers on various aspects of ABAC including theoretical issues as attribute reduction, ABAC administration, and policy verification; practical issues such as ABAC for databases, authoring ABAC policies via natural language, and systematic ABAC implementation; and ABAC issues in applications such as healthcare.

We hope the workshop attendees will find this wide variety of topics to be insightful, and helpful in advancing the field of ABAC.

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