D-SPAN 2010, the First International Workshop on Data Security and PrivAcy in wireless Networks (D-SPAN), is focused on defining new problems and developing novel techniques for data security and privacy issues in wireless and mobile networks. With the emergence of data-intensive wireless networks such as wireless sensor networks and data-centric mobile applications such as location-based services, the traditional boundaries between these three disciplines are blurring. This workshop solicits papers from two main categories: (1) papers that consider the security and privacy of data collection, transmission, storage, publishing, and sharing in wireless networks broadly defined, e.g., MANET, cellular, vehicular, ad hoc, cognitive, as well as sensor networks, and (2) papers that use data analytics techniques to address security and privacy problems in wireless networks. The workshop provides a venue for researchers to present new ideas with impact on three communities –wireless networks, databases, and security. All accepted papers will appear in the conference proceedings published by the IEEE Computer Society Press.

The list of topics includes, but not limited to,

- Fundamental theory of a security network science
- Key exchange, distribution and management in wireless networks
- Location privacy in wireless networks
- Secure data collection and aggregation for wireless sensor networks
- Secure data collection in body-area networks
- Secure data processing in mobile ad-hoc networks (MANET)
- Secure query processing over wireless sensor networks
- Security and privacy of RFID systems
- Security and privacy for data streaming
- Security for cognitive radio networks
- Tradeoffs between Security and Communication Performance

Important Dates (all deadlines are at 5:00pm, Pacific Standard Time):

- Paper submission: Thursday, February 4, 2010
- Author notification: Monday, March 8, 2010
- Camera ready version: Thursday, March 25, 2010

Conference Co-Chairs:

- Sajal K. Das, The University of Texas at Arlington and National Science Foundation
- Peng Ning, North Carolina State University

Program Co-Chairs:

- Wade Trappe, Rutgers University
- Nan Zhang, The George Washington University

Keynote and Panel Chair:

- Xiuzhen (Susan) Cheng, The George Washington University
Program Committee Members:

Arati Baliga, Rutgers University, USA
Yingying Chen, Stevens Institute of Technology, USA
Roberto Di Pietro, University of Rome "La Sapienza", Italy
Hisato Iwai, Doshisha University, Japan
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Xinwen Fu, University of Massachusetts Lowell, USA
Loukas Lazos, University of Arizona, USA
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Donggang Liu, University of Texas at Arlington, USA
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Catherine Meadows, Naval Research Lab, USA
Radha Poovendran, University of Washington, USA
Yan Sun, University of Rhode Island, USA
Vassilios S. Verykios, University of Thessaly, Greece
Matthew Wright, University of Texas at Arlington, USA
Wenyuan Xu, University of South Carolina, USA
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Wei Yu, Towson University, USA
Sencun Zhu, The Pennsylvania State University, USA