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K.R, Rao	Univ. of Texas at Arlington
KIM, DO NYEON	The Univ. of Texas at Arlington
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Chair: Johnson, C. D.	Univ. of Alabama in Huntsville
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Sadati, Nasser	The Univ. of British Columbia
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Henderson, Chad	United States Naval Acad.
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Bush, Forrest	US Naval Acad.
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Purushotham, Thejaswini	Univ. of Texas at Arlington
K.R, Rao	Univ. of Texas at Arlington
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Mahendroo, Mala	Univ. of Texas Sothwestern Medical Center
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Munasinghe, Ranjith	West Virginia Inst. of Tech.
Davari, Asad	WVU Tech.
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SHIRVAIKAR, MUKUL	THE Univ. OF TEXAS AT TYLER
Poudel, Pramod	The Univ. of Texas at Tyler
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<b>Communications and Networking I</b> (Regular Session)	
Chair: Kim, Joonwan	LeTourneau Univ.

Co-Chair: Ochoa, Hector	Univ. of Texas
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Willcox, Donald	LeTourneau Univ.
Kim, Joonwan	LeTourneau Univ.
Loewen, Christopher	Rockwell Coll.
Wineman, John	HCJB Global Tech. Center
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Ochoa, Hector	Univ. of Texas
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Yoon, Donghun	Keio Univ.

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**M2A** RBS 2019

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Co-Chair: Johnson, C. D.	Univ. of Alabama in Huntsville
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Madhavapeddi Sesha, Arvind Kumar	Tennessee Tech. Univ.

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**M2B** RBN 2012

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Davis, John	Baylor Univ.
Gravagne, Ian	Baylor Univ.
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Choi, Chiu	Univ. of North Florida
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Davis, John	Baylor Univ.
Gravagne, Ian	Baylor Univ.
Marks, Robert	Baylor Univ.
Miller, John	Baylor Univ.
Ramos, Alice	Bethel Coll.

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**M2C** RBN 2007

**Communications and Networking II - Invited Session Wireless Communications Research at Auburn University (Invited Session)**

Co-Chair: SHIRVAIKAR, MUKUL	THE Univ. OF TEXAS AT TYLER
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Organizer: Agrawal, Prathima	Auburn Univ.
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Andrews, Nirmal	Auburn Univ.
Kondareddy, Yogesh	Auburn Univ.
Agrawal, Prathima	Auburn Univ.
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Ammula, Veneela	Auburn Univ.
Rao, Sadasiva	US NAVY
Wentworth, Stuart	Auburn Univ.
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Bano, Nida	Auburn Univ.
Roppel, Thaddeus	200 broun Hall
Gokhale, Indraneil	Auburn Univ.
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Prasad, Pratap	Auburn Univ.
Agrawal, Prathima	Auburn Univ.
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MYER, GOPALAKRISHNAN	AUBURN Univ.
Agrawal, Prathima	Auburn Univ.
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Kulkarni, Santosh	Auburn Univ.
Agrawal, Prathima	Auburn Univ.

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**M3A** RBS 2019

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Co-Chair: Beams, David	Univ. of Texas, Tyler
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Jayaraman, Jaianand	Tennessee Tech. Univ.
Sekar, Arun	Tennessee Tech. Univ.
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Chin, Hubert H.	New York Inst. of Tech.
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Eid, Ahmad Mohamad	Univ. of Texas at Tyler
El-Kishky, Hassan	The Univ. of Texas at Tyler
Abdel-Salam, Mazen	Assiut Univ.
El-Mohandes, Tharwat	South Valley Univ.
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Beams, David	Univ. of Texas, Tyler
Boppana, Sriram	Univ. of Texas at Tyler
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Eid, Ahmad Mohamad	Univ. of Texas at Tyler
El-Kishky, Hassan	The Univ. of Texas at Tyler
Abdel-Salam, Mazen	Assiut Univ.
El-Mohandes, Tharwat	South Valley Univ.
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SHIRVAIKAR, MUKUL	THE Univ. OF TEXAS AT TYLER
Taylor, Ralph	Luminant Inc

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**M3B** RBN 2012

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MEKALA, PRIYANKA	FLORIDA INTERNATIONAL Univ.
salmerson, rodrigo jose	FLORIDA INTERNATIONAL Univ.

Fan, Jeffrey	Florida International Univ.
Davari, Asad	WVU Tech.
tan, jichang	St Johns Univ.
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Katkuri, Jaipal	Univ. of New Orleans
Jilkov, Vesselin	Univ. of New Orleans
Li, X. Rong	Univ. of New Orleans
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Luo, Jiecai	Southern Univ.
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Reppal, Raheez	Univ. of Texas, Tyler
Ochoa, Hector	Univ. of Texas
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Ochoa, Hector	Univ. of Texas
Nakka, Raghavendra	Univ. of Texas at Tyler

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**M3C** RBN 2007

**Robotics (Regular Session)**

Chair: Tang, Chin Pei	Univ. of Texas at Dallas
Co-Chair: Isenberg, Douglas	Univ. of North Carolina at Charlotte
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Siddiqui, Salman	FAMU-FSU Coll. of Engineering
Roberts, Rodney	FAMU-FSU Coll. of Engineering
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Ruttum, Mary	United States Naval Acad.
Parikh, Sarangi	United States Naval Acad.
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Isenberg, Douglas	Univ. of North Carolina at Charlotte
Kakad, Y. P.	Univ. of North Carolina at Charlotte
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Tang, Chin Pei	Univ. of Texas at Dallas
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Felps, Charles	United States Naval Acad.
Fick, Michael	United States Naval Acad.
Kinkade, Keegan	United States Naval Acad.
Searock, Jeremy	United States Naval Acad.
Piepmeyer, Jenelle	United States Naval Acad.

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**T1A** RBS 2019

**Nanotechnology Systems and Computer Aided Design (Regular Session)**

Co-Chair: Hoe, David Henry	Univ. of Texas at Tyler
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Sigdel, Jiwan	Univ. of Texas at Tyler
Puttagunta, Vasu	Univ. of Texas at Tyler
Pieper, Ron	The Univ. of Texas at Tyler
Wondmagegn, Wudyalew	Univ. of Texas
Satyala, Nikhil	Univ. of Texas at Tyler
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Hoe, David Henry	Univ. of Texas at Tyler
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Wang, Fan	Juniper Networks, Inc.
Agrawal, Vishwani	Auburn Univ.
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Wang, Fan	Juniper Networks, Inc.

**T1B**

RBN 2012

**Stochastic and Optimal Estimation (Regular Session)**

Co-Chair: Olivier, Philip D	Mercer Univ.
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Fan, Jeffrey	Florida International Univ.
Davari, Asad	WVU Tech.
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Gray, W. Steven	Old Dominion Univ.
Gonzalez, Oscar	Old Dominion Univ.
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Jilkov, Vesselin	Univ. of New Orleans
Katkuri, Jaipal	Univ. of New Orleans
Nandiraju, Hari	Univ. of New Orleans
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Montanez, George	Baylor Univ.
Dembski, William	Southwestern
Marks, Robert	Baylor Univ.
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Barnett, Kevin	Mercer Univ.

**T1C**

RBN 2007

**Microprocessor Systems and Digital Control (Regular Session)**

Chair: Song, Ben	Baylor Univ.
Co-Chair: Mountain, Jeffrey	The Univ. of Texas at Tyler
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Stroud, Charles	Auburn Univ.
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Yang, Kuo-pao	Southeastern Louisiana Univ.
Beaubouef, Theresa	Southeastern Louisiana Univ.

**T2A**

RBS 2019

**Nonlinear and Time-Varying Systems (Regular Session)**

Co-Chair: Pieper, Ron	The Univ. of Texas at Tyler
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Pieper, Ron	The Univ. of Texas at Tyler
Blair, Daniel	Univ. of Texas at Tyler

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Chair: Petry, Fred

Naval Res. Lab.

10:50-11:10

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*Efficient Design of SCADA Systems Using Minimum Spanning Trees and the NFR Framework*, pp. 346-351.Yakkali, Venkata Haranath  
Subramanian, NaryUniv. of Texas at Tyler  
Univ. of Texas at Tyler

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Hoe, David HenryUniv. OF TEXAS AT TYLER  
Univ. of Texas at Tyler

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Zambo, Samantha  
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Southeastern Louisiana Univ.  
Naval Res. Lab.  
Southeastern Louisiana Univ.  
Southeastern Louisiana Univ.**T2C****Signal and Video Processing** (Regular Session)

Chair: Ochoa, Hector

Univ. of Texas

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T2C.1

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Aswathappa, Babu Hemanth KumarUniv. of Texas at Arlington  
Univ. of texas at Arlington

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T2C.2

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Univ. of Texas at Arlington**Author Index**