

# Tracking Faculty Publications for **SURface** (and other uses)

Anne Rauh & Linda Galloway  
RCSC Unit Meeting  
April 19, 2012

# Tracking process

- Email alerts
- Organize in citation management tool
- Check copyright
- Contact faculty
- Send summary to Assistant Dean for External Relations
- Upload to SURface (hopefully!)

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1 new records found in Compendex, Inspec & Referex for: ([\(\(\(\(OLDER SUSAN}\) WN AU\)\)](#)) or ([\(\(\(\(PEASE D.}\) WN AU\) OR \(\(PEASE D.A.}\) WN AU\) OR \(\(PEASE DANIEL}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(ROYER J.}\) WN AU\) OR \(\(ROYER JAMES S.}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(SARKAR}\) WN AU\) OR \(\(SARKAR T.}\) WN AU\) OR \(\(SARKAR T. K.}\) WN AU\) OR \(\(SARKAR T.K.}\) WN AU\) OR \(\(SARKAR TAPAN}\) WN AU\) OR \(\(SARKAR TAPAN K.}\) WN AU\) OR \(\(SARKAR TAPAN K.}\) WN AU\) OR \(\(SARKAR TAPAN KUMAR}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(SCHLERETH FREDERICK}\) WN AU\) OR \(\(SCHLERETH FRED H.}\) WN AU\) OR \(\(SCHLERETH F.H.}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(SONG Q.W.}\) WN AU\) OR \(\(SONG Q.WANG}\) WN AU\) OR \(\(SONG QI WANG}\) WN AU\) OR \(\(SONG QI W.}\) WN AU\) OR \(\(SONG QI-XIANG}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(TANG J}\) WN AU\) OR \(\(TANG JIAN}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(VARSHNEY P.}\) WN AU\) OR \(\(VARSHNEY P.K.}\) WN AU\) OR \(\(VARSHNEY P.K.}\) WN AU\) OR \(\(VARSHNEY PRAMOD}\) WN AU\) OR \(\(VARSHNEY PRAMOD K.}\) WN AU\) OR \(\(VARSHNEY PRAMOD K.}\) WN AU\) OR \(\(VARSHNEY PRAMOD KUMAR}\) WN AU\) OR \(\(VARSHNEY PRAMOND K.}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(WANG H}\) WN AU\) OR \(\(WANG HONG}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(WANG H}\) WN AU\) OR \(\(WANG HONG}\) WN AU\) AND \(syracuse\)\)](#)) or ([\(\(\(\(YIN H.}\) WN AU\) OR \(\(YIN HENG}\) WN AU\) AND \(syracuse\)\)](#)), Week 201216

## 1. Generation of a wide-band response using early-time and middle-frequency data through the Laguerre functions

[Lee, W.](#) (Department of Electrical Engineering and Computer Science, Syracuse University, Syracuse, NY, United States);

[Sarkar, T.K.](#); [Koh, J.](#); [Moon, H.](#); [Salazar-Palma, M.](#) **Source:** *Progress in Electromagnetics Research Letters*, v 30, p 115-123, 2012

**Database:** Compendex

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# Email alerts from Web of Knowledge

Web of Knowledge Search Alert	
<b>Product:</b> Web of Science	
<b>History Name:</b> CIE	
<b>Description:</b>	
<b>Alert Expires:</b> 30 JUL 2012	
<b>Alert Query:</b> Author=(Costello AM OR Johnson CS OR Steinberg LJ OR Aboutaha RS OR Bhatia SK OR Chandler SP OR Davidson C OR Driscoll CT OR Letterman RD OR Lui EM OR Negussey D OR Salem O OR Mandel JA) Refined by: Institutions=(SYRACUSE UNIV)	
<b>Results Found:</b> 1 new records were found this week (1 in this e-mail)	
<b>Organization ID:</b> 3784e448509b3321f9fb33f0babc5f3b	
Note: Instructions on how to purchase the full text of an article and Help Desk Contact information are at the end of the e-mail.	
<b>*Record 1 of 1.</b> Search terms matched: SYRACUSE UNIV(4)	
* <a href="#">Click Here to View Full Record</a>	
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<b>Title:</b> Foliar Nitrogen Responses to the Environmental Gradient Matrix of the Adirondack Park, New York	
<b>Authors:</b> McNeil, BE; Read, JM; Driscoll, CT	
<b>Author Full Names:</b> McNeil, Brenden E.; Read, Jane M.; Driscoll, Charles T.	
<b>Source:</b> ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, 102 (1):1-16; 10.1080/00045608.2011.595654 2012	
<b>Language:</b> English	
<b>Document Type:</b> Article	
<b>Author Keywords:</b> environmental gradients; foliar nitrogen; GIS; temperate forest; wilderness	
<b>KeyWords Plus:</b> TEMPERATE FOREST ECOSYSTEMS; NORTHERN HARDWOOD FORESTS; LAND-USE HISTORY; CANOPY NITROGEN; IMAGING SPECTROSCOPY; DEPOSITION GRADIENT; CATSKILL MOUNTAINS; UNITED-STATES; SOIL CARBON; CHEMISTRY	

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Check record to add to Selected Records

1. **Generation of a wide-band response using early-time and middle-frequency data through the Laguerre functions**

[Lee, W.](#)<sup>1</sup> ; [Sarkar, T.K.](#)<sup>1</sup>; [Koh, J.](#)<sup>2</sup>; [Moon, H.](#)<sup>1</sup>; [Salazar-Palma, M.](#)<sup>3</sup> **Source:** *Progress in Electromagnetics Research Letters*, v 30, p 115-123, 2012; **ISSN:** 19376480; **Publisher:** Electromagnetics Academy

**Author affiliation:**

<sup>1</sup> Department of Electrical Engineering and Computer Science, **Syracuse University, Syracuse, NY, United States**

<sup>2</sup> Department of Electrical Engineering, Engineering Research Institute, GyeongSang National University, Jinju 660-701, Korea, Republic of

<sup>3</sup> Department of Signal Theory and Communications, Universidad Carlos III de Madrid, Avenida de la Universidad, 30, Leganes-Madrid 28911, Spain

**Abstract:** In this hybrid combined time domain (TD) and frequency domain (FD) approach, one can generate the early-time response using the method of marching-on-in-time (MOT) and use the method of moment (MOM) to generate the middle-frequency response, as the low frequency data may be unstable. The early-time and the middle-frequency data provide the missing low and high frequency response and the late-time response, respectively. Generation of a wide-band response using partial information of the TD data and FD data has been accomplished by the use of the continuous and discrete Laguerre functions. (11 refs.)

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## A Unified Framework for Key Agreement Over Wireless Fading Channels

Author(s): Lai, LF (Lai, Lifeng)<sup>1</sup>; Liang, YB (Liang, Yingbin)<sup>2</sup>; Poor, HV (Poor, H. Vincent)<sup>3</sup>

Source: IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY Volume: 7 Issue: 2 Pages: 480-490 DOI: 10.1109/TIFS.2011.2180527 Published: APR 2012

Times Cited: 0 (from Web of Science)

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**Abstract:** The problem of key generation over wireless fading channels is investigated. First, a joint source-channel approach that combines existing source and channel models for key agreement over wireless fading channels is developed. It is shown that, in general, to fully exploit the resources provided by time-varying channel gains, one needs to combine both the channel model, in which Alice sends a key to Bob over a wireless channel, and the source model, in which Alice and Bob generate a key by exploiting the correlated observations obtained from the wireless fading channel. Asymptotic analyses suggest that in the long coherence time regime, the channel model is asymptotically optimal. On the other hand, in the high power regime, the source model is asymptotically optimal. Second, the framework is extended to the scenario with an active attacker. Assuming that the goal of the attacker is to minimize the key rate that can be generated using the proposed protocol and the attacker will employ such an attack strategy, the attacker's optimal attack strategy is identified and the key rate under this attack model is characterized.

Accession Number: [WOS:000301506500012](#)

Document Type: Article

Language: English

**Author Keywords:** Active security attack; information theoretic security; key generation; key rate; optimal attack strategy

**KeyWords Plus:** UNAUTHENTICATED PUBLIC CHANNELS; WIRETAP CHANNEL; SECURE TRANSMISSION; COMMON RANDOMNESS; PART II; CAPACITY; SECRECY

**Reprint Address:** Lai, LF (reprint author), Univ Arkansas, Dept Syst Engn, Little Rock, AR 72204 USA

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2. Syracuse Univ, Dept Elect Engn & Comp Sci, Syracuse, NY 13244 USA
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**E-mail Address:** [lxlai@ualr.edu](mailto:lxlai@ualr.edu), [yliang06@syr.edu](mailto:yliang06@syr.edu), [poor@princeton.edu](mailto:poor@princeton.edu)

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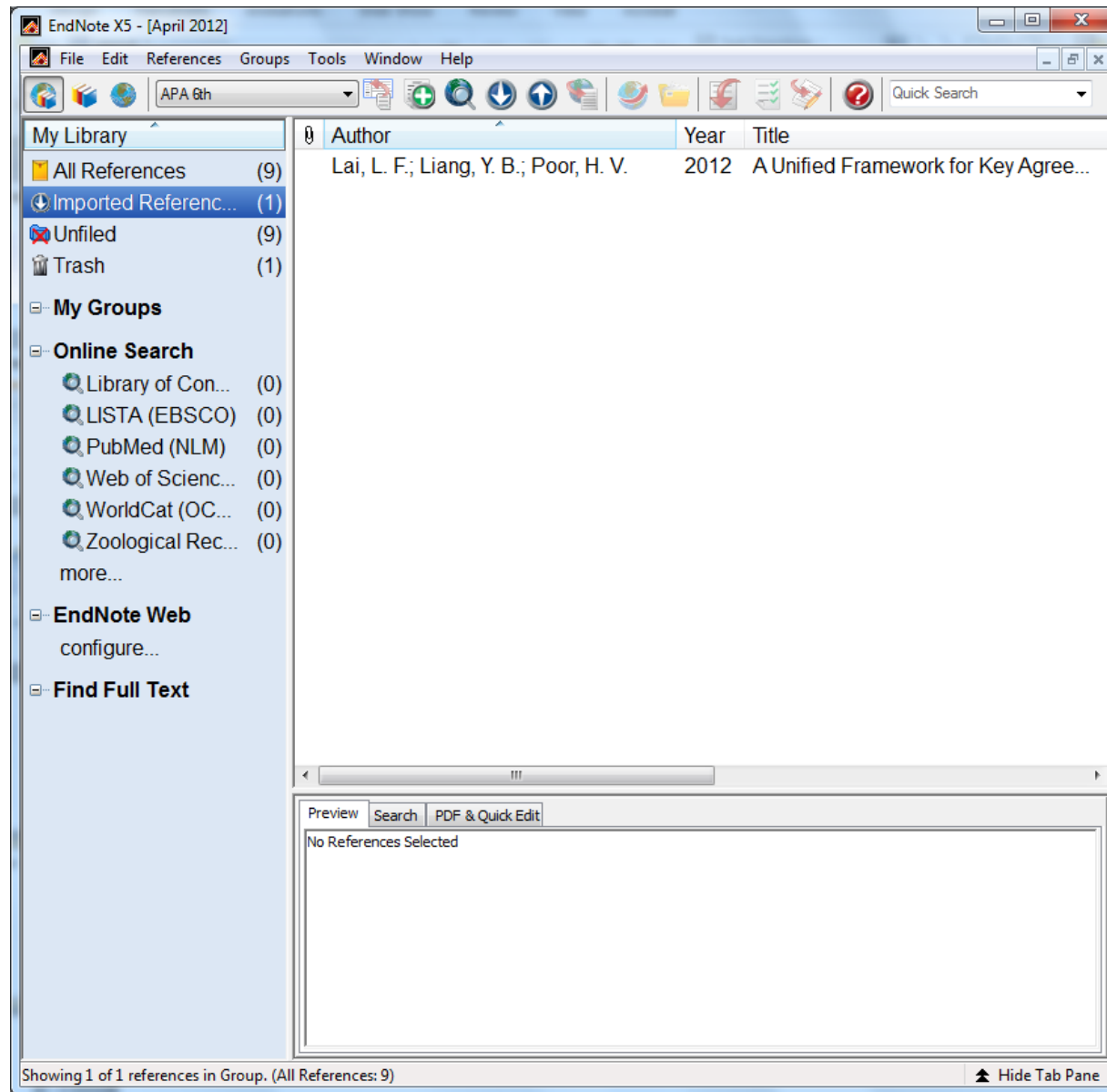
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Author	Year	Title
Ausseau, Julie; Pinier, Jeremy; Glau...	2007	Estimation techniques in a turbulent fl...
Lai, Lifeng; Liang, Yingbin; Poor, H....	2012	A unified framework for key agreeme...
Lai, L. F.; Liang, Y. B.; Poor, H. V.	2012	A Unified Framework for Key Agree...
Lee, W.; Sarkar, T. K.; Koh, J.; Moo...	2012	Generation of a wide-band response...
Pinier, Jeremy; Glauser, Mark	2007	Dual-time PIV investigation of the so...
Salazar-Palma, M.; Garcia-Lamper...	2011	The Father of Radio: A Brief Chronol...
Wimalajeewa, T.; Varshney, P. K.	2012	Performance Bounds for Sparsity Pa...
Yan, Lok-Kwong; Jayachandra, Ma...	2012	V2E: Combining hardware virtualizati...
Yang, Yang; Lui, Eric M.	2012	Behavior and design of steel I-beam...

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Lai, L. F., Liang, Y. B., & Poor, H. V. (2012). A Unified Framework for Key Agreement Over Wireless Fading Channels. [Article]. *Ieee Transactions on Information Forensics and Security*, 7(2), 480-490. doi: 10.1109/tifs.2011.2180527

Showing 9 of 9 references. Hide Tab Pane



# Remove duplicates

The screenshot shows the EndNote X5 software interface. The main window displays a list of references in a table format. The table has columns for Author, Year, and Title. One reference is highlighted in blue: "Lai, L. F.; Liang, Y. B.; Poor, H. V. 2012 A Unified Framework for Key Agree...". The left sidebar shows the library structure, including "My Library", "All References (8)", "Imported Referenc... (1)", "Unfiled (8)", "Trash (2)", "My Groups", "Online Search", "EndNote Web", and "Find Full Text". The bottom status bar indicates "Showing 8 of 8 references." and "Hide Tab Pane".

Author	Year	Title
Ausseau, Julie; Pinier, Jeremy; Glau...	2007	Estimation techniques in a turbulent fl...
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Lai, L. F., Liang, Y. B., & Poor, H. V. (2012). A Unified Framework for Key Agreement Over Wireless Fading Channels. [Article]. *Ieee Transactions on Information Forensics and Security*, 7(2), 480-490. doi: 10.1109/tifs.2011.2180527

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# Check titles in SHERPA/RoMEO

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One journal found when searched for: **ieee antennas and propagation magazine**

Journal:	<b>IEEE Antennas and Propagation Magazine</b> (ISSN: 1045-9243)
RoMEO:	This is a <b>RoMEO green</b> journal
Author's Pre-print:	✓ author can archive pre-print (ie pre-refereeing)
Author's Post-print:	✓ author can archive post-print (ie final draft post-refereeing)
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*Reddi, K. R., & Moon, Y. B. (2011). System dynamics modeling of engineering change management in a collaborative environment. International Journal of Advanced Manufacturing Technology, 55(9-12), 1225-1239. doi: 10.1007/s00170-010-3143-z*

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If you are interested in contributing your work, I can deposit the article for you or give you instructions for depositing it yourself.

Thank you,  
Annie

# Monthly summary of publications

Author	Year	Title	Source	Volume	Issue	Pages	DOI
Julie Ausseur;Jeremy Pinier;Mark Glauser	2007	Estimation techniques in a turbulent flow field	11th EUROMECH European Turbulence Conference, ETC11, June 25, 2007 - June 28, 2007			650-652	
L. F. Lai;Y. B. Liang;H. V. Poor	2012	A Unified Framework for Key Agreement Over Wireless Fading Channels	Ieee Transactions on Information Forensics and Security	7		480-2490	10.1109/tifs.2011.2180527
W. Lee;T. K. Sarkar;J. Koh;H. Moon;M. Salazar-Palma	2012	Generation of a wide-band response using early-time and middle-frequency data through the Laguerre functions	Progress in Electromagnetics Research Letters	30		115-123	
Jeremy Pinier;Mark Glauser	2007	Dual-time PIV investigation of the sound producing region of the controlled and uncontrolled high-speed jet	11th EUROMECH European Turbulence Conference, ETC11, June 25, 2007 - June 28, 2007			392-394	
M. Salazar-Palma;A. Garcia-Lamperez;T. K. Sarkar;D. L. Sengupta	2011	The Father of Radio: A Brief Chronology of the Origin and Development of Wireless Communications	Ieee Antennas and Propagation Magazine	53		83-6114	10.1109/map.2011.6157716
T. Wimalajeewa;P. K. Varshney	2012	Performance Bounds for Sparsity Pattern Recovery With Quantized Noisy Random Projections	Ieee Journal of Selected Topics in Signal Processing	6		143-57	10.1109/jstsp.2011.2175700
Lok-Kwong Yan;Manjukumar Jayachandra;Mu Zhang;Heng Yin	2012	V2E: Combining hardware virtualization and software emulation for transparent and extensible malware analysis	8th ACM SIGPLAN/SIGOPS Conference on Virtual Execution Environments, VEE'12, March 3, 2012 - March 4, 2012			227-237	10.1145/2151024.2151053
Yang Yang;Eric M. Lui	2012	Behavior and design of steel I-beams with inclined stiffeners	Steel and Composite Structures	12		183-3205	

# How many publications

March 2012	
Total LC Smith Faculty Publications	21
Requested for SURface	10
Added to SURface	3

# How much time does this take

Time Spent	
Set up alerts, EndNote export style, email template	15 hours total
Adding citations to EndNote	20 minutes per week
Removing duplicates, check copyright, emails to faculty and deans	1 hour per month
Uploading to SURface	1 hour per month