

## NMSU ABET resume

### **NAME:**

Phillip L. De Leon

### **EDUCATION:**

BS, Electrical Engineering, Univ of Texas at Austin, 1989

BA, Mathematics, Univ of Texas at Austin, 1990

MS, Electrical Engineering, Univ of Colorado at Boulder, 1992

Ph.D., Electrical Engineering, Univ of Colorado at Boulder, 1995

### **ACADEMIC EXPERIENCE:**

New Mexico State University, Professor, 1996 - present

Technical University Vienna, Austria (TU-Wien), School of Electrical Engineering,  
Visiting Professor, 2008

University College Cork, Ireland (UCC), Department of Computer Science,  
Visiting Professor, 2002

### **NON-ACADEMIC EXPERIENCE:**

AT&T Bell Laboratories, Murray Hill, NJ, Cooperative Research Fellow, 1993,  
1994

### **CONSULTING, PATENTS, ETC.:**

#### **Recent Consulting:**

Invertix Corp. (McClean, VA), Consultant, 2006 - present

NetLogic (Mountain View, CA), Consultant, 2010-present

#### **US Patents:**

US 7,720,012 Speaker Identification in the Presence of Packet Losses, 2010

US 5,553,014 Adaptive Finite Impulse Response Filtering Method and  
Apparatus, 1996

### **CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**

Institute of Electrical and Electronics Engineers (IEEE), Senior Member

### **HONORS & AWARDS:**

U. S. Department of State, Fulbright Faculty Scholar Award, Austria, 2008

### **INSTITUTIONAL AND PROFESSIONAL SERVICE IN THE LAST 5 YEARS:**

Associate Department Head for Graduate Studies and Research, 2011 - present  
IEEE Industry Digital Signal Processing Technology (IDSP) Standing Committee,  
2010-2012

University Research Council (URC), NMSU, 2009-2010 (College of Engineering  
Representative), 2010-2011 (Chairman)

*IEEE Transactions, IEEE ICASSP conference* paper reviewer

## NMSU ABET resume

### **PRINCIPAL PUBLICATIONS/PRESENTATIONS IN THE LAST FIVE YEARS:**

P. L. De Leon, I. Hernaez, I. Saratxaga, M. Pucher, and J. Yamagishi, "Detection of Synthetic Speech for the Problem of Imposture," *IEEE Int. Conf. on Acoustics, Speech & Signal Processing (ICASSP)*, 2011.

V. Apsingekar and P. L. De Leon, "Speaker Verification Score Normalization Using Speaker Model Clusters," *Speech Communication*, vol. 53, no. 1, pp. 110 - 118, Jan. 2011.

S. M. Brahma, R. G. Kavasseri, and P. L. De Leon, "Oversampling in Digital Relays," *IEEE Trans. Power Delivery*, vol. 24, no. 4, pp. 1864 - 1868, Oct. 2009.

V. Apsingekar and P. L. De Leon, "Speaker Model Clustering for Efficient Speaker Identification in Large Population Applications," *IEEE Trans. Audio, Speech, Lang Process.*, vol. 17, no. 4, pp. 848-853, May 2009.

A. Daga, G. Lovelace, D. Borah, and P. De Leon, "Terrain-Based Simulation of IEEE 802.11a and b Physical Layers on the Martian Surface," *IEEE Trans. Aerosp. Electron. Syst.*, vol. 43, no. 4, Oct. 2007.

### **COURSES TAUGHT 2009–2010:**

EE565 Pattern Recognition and Machine Learning (Spring 2010)

EE312 Signals and Systems I (Spring 2010)

EE311 Signals and Systems (Fall 2009)

EE395 Introduction Digital Signal Processing (Fall 2009, Fall 2010)

EE442/EE592 Real-Time Digital Signal Processing (Spring 2009)

### **PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST 5 YEARS:**

Research conferences presented at: 6

Invited talks: 2