



(FL Capital Tallahassee is 30 minutes to the Gulf of Mexico, the Mouth of the Ochlocknee Bay, St. Marks River Inlet and the Aucilla River).
“Deep Learning Artificial Neural Network and Applications,” cf. <http://www.ica-wavelet.org> (Webmaster Yufeng Zheng)

Hosted by

Department of Electrical and Computer Engineering

Site: Florida A&M University – Florida State University College of Engineering **AME Building Rm 106 by 2003 Levy Ave.**

Session 1 April 15 Saturday 9:00 -11:00 am: Co-Chair Simon Foo Henry Chu, welcoming Introduce Dean

1. **Dr. Murray Gibbon**, Dean of Engineering of FA&M & FSU will kick off the GMSS on
2. **Dr. Mike Wardlaw**, ONR 321 “Marine Sensing Challenges & Opportunities,”
3. **Dr. Guna Seetharaman**, Hartmeyer challenges in the exciting field of Deep Learning, XAI.
4. **Let each participant** stand up and introduce themselves, name, organization and topic of interests.

Coffee break 11.00-11:15

Session 2. Co-Chairs Simon Foo, Henry Chu

1. Plenary Talk: “**To Go beyond AI ANN to BI BNN & NI Everything about Brains that you have forgotten to ask,**” **Harold Szu**, Res. Ord. Prof. CUA Wash DC Army Night Vision Lab **11:15-12:15**

Lunch Break 12:15-1:30PM

2. " From Sea Floor to Sky NRL and Emerging Applications of Machine Learning," **Chris Michael**, NRL Stennis Space Center, MI **1:30-2:30pm**

Coffee Break 2:30-3:00PM

3. "Deep Learning & Emotion IQ," **Soo-Young Lee**, KAIST **3:00-4:00**
4. " Graph Theory of Brain Data Processing" **Anke Meyer-Bases**,; **4:00-5:00**

Social Hospitality Chair Anke Meyer-Maese

Session 4 **Touring & Dinner a la Carte**

Session 5 April 16 Easter Passover Sunday

No Academic Activity Local Hospitality Chair Anke Meyer-Maese Easter Sunday **Church Tour**

Session 6 Sunday Noon to Afternoon: **12:00 -5PM**

Co-Chair Harold & Henry,

1:00pm-2:00pm **Industry Job Introduction & Exhibition Demos** Chair **Henry Chu**

Poster Presentations Competition (Presenters talk in front of Poster in the order)

2:00-3:00

3:00-3:30pm Coffee Break

Session 7 Best Paper Winner Award 3:30 -4:00 PM

4:00-5:00pm **Free Tutorial by Harold Szu: Longevity a la Creativity-"Sleep Tight, Eat Right, Exercise Deep, Be Happier"**

Dinner a la Carte

Session 8 April 17 Monday Co-Chairs Harold Szu & Prof. Anke Meyer-Bases,

" ANN & Deep Learning," Prof. **Bob Kozma**, INNS President 8:00-9:00

"Deep Learning 3-D Scene Generation," Prof. **Henry Chu**, ULL 9:00-10:00

10:00-10:30 Coffee Break

"Deep Learning Divide & Conquer Optimization," Prof. **Simon Foo**, Chair of ECE 10:30-11:30

11:30-12:30

' Multiple Spectral Feature Extraction by Deep Learning and Machine Learning Classifier at Those Feature Domain, **Dr. Kenney Byrd**, Air Force R/D at Dulles Airport VA.(TBD)

Lunch a la Carte

Session 9 "Interoperable Feature Protocol by Deep Learning is necessary for the Persistent surveillance on Boarder Walls," Dr. **Kai Dee Chu**, DHS/S&T Division Wash DC. 200PM- 3PM (TBD)

Coffee Break 3:00Pm -3:30PM

Best Poster Papers Oral Presentations 3:30Pm-4:30PM

Session 10 Concluding & Announcing the Next Year Easter GMSS at Lafayette LA

Harold Szu & Henry Chu:

Q1: Is this workshop useful?

Q2: Are you ready for 2018 after SPIE DSS Orlando at Lafayette Louisiana for Cajun food?

Q3: Book Editing? Elsevier Paper Format & Due time **Henry Chu** announcing the next GMSS (Computational Intelligence,

Supervised, and Hybrid with Unsupervised, MPD Firmware, and Applications. **ADJOURN**

e.g. Delta Airline from Wash (DCA) to Florida Tallahassee (TLH) April 14 Friday 1 pm Delta DCA to ATL & ATL to TLH 5pm;

April 18, Tuesday 1 pm TLH to ATL; ATL to DCA RT \$570; Dollar Car Rental \$25 **Motel 6** (refurbished) 1027 Apalachee Pkw