

**Welcome to the  
Indiana Radio Frequency  
Alliance  
RF MMIC Workshop**

**University Place Conference  
Center**

**Indianapolis, IN**

**Mr. Joe Dutkowski  
NSWC Crane Division  
Radar Technologies  
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# RF MMIC Workshop Sponsors



Wavepoint Research, Inc.

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**Raytheon**



# RF MMIC Workshop Agenda

## Morning Session

0730 - 0830	<b>Continental Breakfast</b>
<b>Registration</b> 0730 – 0830	<b>Sign-in opens</b>
<b>Introduction</b> 0830 – 0840	<b>Introduction and Welcoming Remarks –</b> <i>Mr. Joe Dutkowski</i>
<b>Speaker 1</b> 0840 - 0850	<b>Indiana’s Office of Energy and Defense Development –</b> <i>Ms. Lisa Laughner</i>
<b>Speaker 2</b> 0850 – 0915	<b>Transition of Science and Technology to the Warfighter –</b> <i>Mr. Joe Gaines</i>
<b>Speaker 3</b> 0915 – 0940	<b>Army Perspective on RF Circuit Integration –</b> <i>Dr. Dev Palmer</i>
0940-1000	<b>Break</b>
<b>Speaker 4</b> 1000 – 1025	<b>Naval Electronic Warfare – Future Challenges –</b> <i>Mr. Tom Dalheim</i>
<b>Speaker 5</b> 1025 – 1050	<b>Lockheed Martin/ Strategic Research and Technology Development –</b> <i>Mr. Bob Taylor</i>
<b>POSTER OVERVIEW</b>	
1050 – 1100	<b>Poster Over view Part I –</b> <i>Dr. William Chappell</i>
1100 - 1110	<b>Poster Over view Part II –</b> <i>Dr. Gary H. Bernstein</i>
1130 - 1300	<b>Lunch (Bistro Restaurant) &amp; Poster Presentations</b>



# RF MMIC Workshop Agenda

## Afternoon Session

RF IC AFTERNOON SCHEDULE	
Session 1	<b>Overview of the changing Landscape in RF / Microwave Silicon Electronics –</b> <i>Dr. William Chappell</i>
Session 2	<b>Advances and Basics of RF SiGe and CMOS Circuits –</b> <i>Dr. Byunghoo Jung</i>
<b>Break</b>	
Session 3	<b>Advances and Basics of Microwave SiGE and CMOS Circuits –</b> <i>Dr. Saeed Mohammadi</i>
Session 4	<b>Advances in Simulation Techniques for High Frequency Circuits “Employing 65 nm CMOS for WPAN Applications” – Ansoft Corporation –</b> <i>Mr. Matt Commens</i>
Closure	<b>Recap –</b> <i>Mr. Joe Dutkowski</i>



# Administrative

- Has everyone registered?
- Did everyone receive a packet?
- Parking passes are available upon request
- University Place phone number for incoming messages
  - 317-274-3876
- Restrooms are located off the main hallway by the conference center lobby
- Phone Calls
  - Please be courteous and turn cell phones off or place on vibrate
- Break Station is open continually
- Lunch will be served in the Bistro from 11:30 to 1:00
- Posters are located in Room 102 and will be available for viewing through the conclusion of the conference
- Poster Evaluation must be completed and received at the registration table before 1:00 PM
  - There will be a prizes awarded in the academic category
- Please complete the Conference Evaluation Questionnaire and return it to the registration table by the conclusion of the conference



# Indiana RF Alliance

- **RF Project Ideas Needed:**
  - Project Requirement
    - Involve RF Technology
  - Project Timelines:
    - Ideas/Proposals – Now
    - 1 OCT 08 – RF Alliance funded
    - 1 March 09 – Contract award
    - 30 SEP 09 – Funds expended and project results reported
- **Crane BAA (BAA # N00164-05-R-0001):**
  - POC: John Dement; NSWC Crane
  - Phone: 812-854-4164; Email: john.dement@navy.mil

**Innovation** → **Demonstration** → **Production**



# Indiana RF Alliance

## Contact Information

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VISIT OUR WEBSITE: [www.rfalliance.org](http://www.rfalliance.org)