



*Welcome to the July 18<sup>th</sup>  
IPC Designers Council  
Chapter Meeting*

**Gendreau  
Microsystems**



Go to [ipc-rtp.org](http://ipc-rtp.org) for more information about our chapter



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Microsystems**

Thanks to **Cisco** for hosting today's meeting



- Thank you **Gendreau Microsystems, Inc** for sponsoring and speaking at today's meeting

**Speakers:**

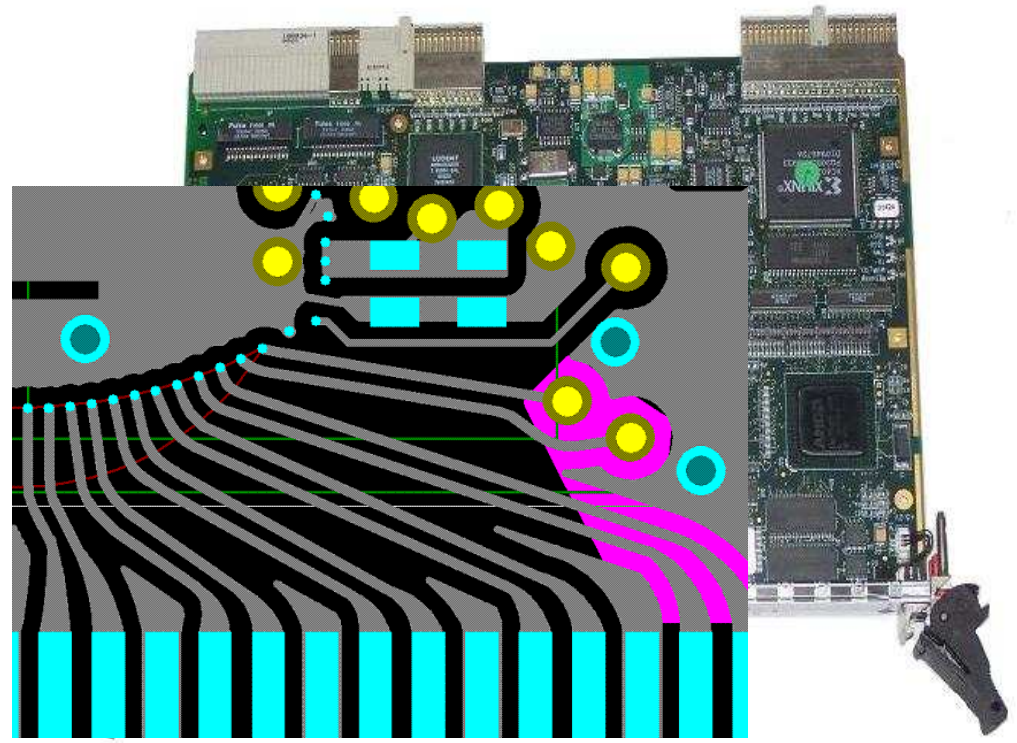
**Rick Gendreau**

434-444-2498

[rhg@gendreamicrosystems.com](mailto:rhg@gendreamicrosystems.com)

**Web Site**

[www.gendreamicrosystems.com](http://www.gendreamicrosystems.com)



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## **IPC Chapter Membership**

- **Currently our chapter has 110 members**
  - You should take a minute to check your records to make sure you are still considered active – <http://dc.ipc.org> Select “**Enrollment Update**”
  - If not, then you should go to <http://dc.ipc.org/> Select “**Enroll in the IPC Designers Council**”
    - Be sure to affiliate with the “**Research Triangle Park NC Designers Chapter**”
    - Becoming a member is **FREE** so there is no excuse not to become a member
  - Have any questions? Please feel free to contact me at: [tony.cosentino@ipc-rtp.org](mailto:tony.cosentino@ipc-rtp.org) 919-414-2083

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## Jobs

- Send resumes to:

**Emily Vikojan-Reece**  
[evlkojan@aerotek.com](mailto:evlkojan@aerotek.com)  
919-816-1630 phone  
919-816-1640 fax  
[www.Aerotek.com](http://www.Aerotek.com)

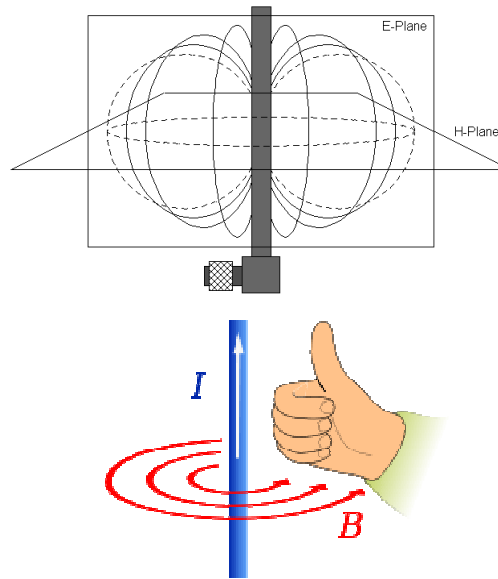


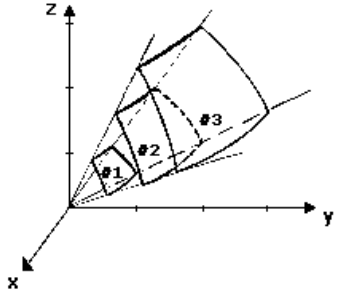
Want to be on a mailing list for open positions?

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**Next Chapter Meeting:**

- Date: Sept 11th (Tentatively)
- Location: Cisco (Tentatively)
- Time: 5:30 – 8:00pm





$$\nabla \cdot \mathbf{B} = 0, \quad \nabla \cdot \mathbf{E} = \frac{\rho}{\epsilon_0},$$

$$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \mu_0 \epsilon_0 \frac{\partial \mathbf{E}}{\partial t},$$

$$\nabla \times \mathbf{E} = -\frac{\partial \mathbf{B}}{\partial t},$$

**Topic : RF Design by Dr. Bruce Archambeault**

This will be a continuation of the previous meeting but with a focus on mathematical theory, simulations and lab results.

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## PCB Carolina 2012

[www.pcbcarolina.com](http://www.pcbcarolina.com)

- Date: December 6<sup>th</sup>
- Location: NC State McKimmon Center  
NC State University  
1101 Gorman Street  
Raleigh, NC 27606
- **Free to all attendees**



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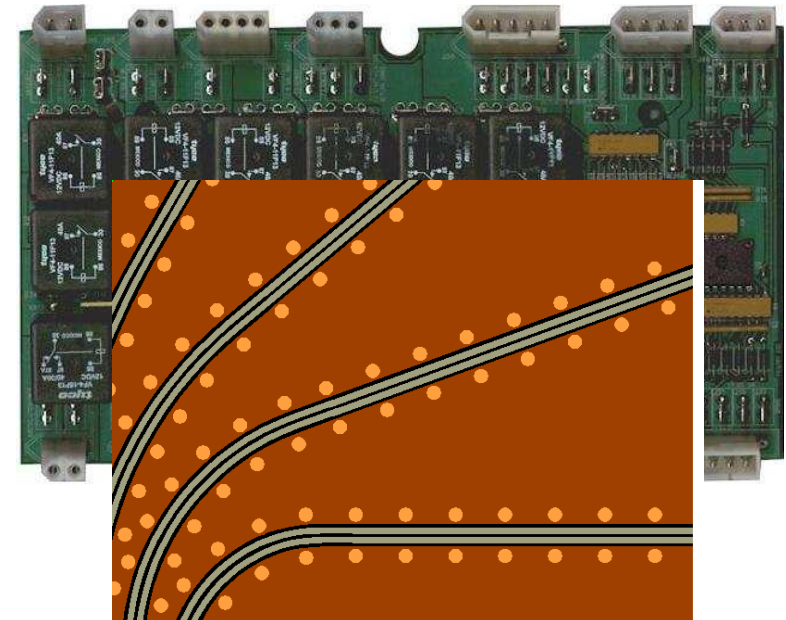
**Today's featured speaker:**

**Rick Gendreau**

Phone: 434-444-2498

Email: [rhg@gendreaumicrosystems.com](mailto:rhg@gendreaumicrosystems.com)

Web site: [www.gendreaumicrosystems.com](http://www.gendreaumicrosystems.com)



- Today's presentation is on Radio Frequency (RF) Printed Circuit Board (PCB) routing and is intended for designers to highlight some of the pitfalls inherent in the layout of typical RF circuitry.
- Presentation materials will be posted on our web site after the meeting.

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