

# GNSS Solutions® Tutorials

September 20-21, 2010 • Oregon Convention Center • Portland, Oregon, USA

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5
Monday AM 8:30-12:00	<input type="checkbox"/> CN405: <b>Fundamentals of GNSS I</b> (Chris Bartone)	<input type="checkbox"/> CN425: <b>Future GNSS Signals &amp; Systems with emphasis on Galileo</b> (Tony Pratt)	<input type="checkbox"/> CN431: <b>GNSS Receiver Design I: RF Front-End Theory and Design</b> (Gunawardena)	<input type="checkbox"/> CN460: <b>Intro to Strapdown Inertial Navigation Systems I</b> (Kevin Dutton)	<input type="checkbox"/> CN480: <b>Fundamentals of Kalman Filtering for GPS/INS Integration I</b> (Mohinder Grewal)
Monday PM 1:30-5:00	<input type="checkbox"/> CN406: <b>Fundamentals of GNSS II</b> (Chris Bartone)	<input type="checkbox"/> CN426: <b>Future GNSS Signal Performance with emphasis on Galileo</b> (Tony Pratt)	<input type="checkbox"/> CN432: <b>Receiver Design II: Signal Processing</b> (Sanjeev Gunawardena)	<input type="checkbox"/> CN461: <b>Intro to Strapdown Inertial Navigation Systems II</b> (Kevin Dutton)	<input type="checkbox"/> CN 481: <b>Fundamentals of Kalman Filtering for GPS/INS Integration II</b> (Mohinder Grewal)
Monday EVE 6:45-9:30	<input type="checkbox"/> CN420: <b>GPS Modernization and Relation to other GNSS</b> (Thomas Stansell)	<input type="checkbox"/> CN413: <b>GNSS Integrity and RAIM</b> (Christophe Macabiau)	<input type="checkbox"/> CN435: <b>GNSS Receiver Vector Tracking Theory &amp; Implementation</b> (Matthew Lashley)	<input type="checkbox"/> CN473: <b>Land Navigation using Integrated Systems</b> (David M. Bevy)	<input type="checkbox"/> <b>Open</b> (check www.GNSSsolutions.com for updates)
Tuesday AM 8:30- 12:00	<input type="checkbox"/> CN428: <b>Glonass Fundamentals &amp; Modernization</b> (Sergey Revnivykh)	<input type="checkbox"/> CN433: <b>Receiver Signal Processing for Future GNSS Signals - Introduction</b> (Olivier Julien)	<input type="checkbox"/> CN441: <b>GNSS Antennas I - Fundamentals</b> (Chris Bartone)	<input type="checkbox"/> CN462: <b>Applications of Strapdown Inertial Navigation I</b> (Andrey Soloviev)	<input type="checkbox"/> CN 482: <b>Fundamentals of GPS/INS Integration I</b> (Mohinder Grewal)
Tuesday PM 1:30- 5:00	<input type="checkbox"/> CN360: <b>Intellectual Property and Patents</b> (Gary J. Edwards, J.D. & Steve Levitan, J.D.)	<input type="checkbox"/> CN434: <b>Receiver Signal Processing for Future GNSS Signals - Advanced</b> (Olivier Julien)	<input type="checkbox"/> CN445: <b>GNSS Antennas II - Special Topics</b> (Chris Bartone)	<input type="checkbox"/> CN463: <b>Applications of Strapdown Inertial Navigation II – Integrated</b> (Andrey Soloviev)	<input type="checkbox"/> CN 483: <b>Fundamentals of GPS/INS Integration II</b> (Mohinder Grewal)

## Registration Information:

**Selection:** Choose any time slot. An entire track, or move around to suite your needs, see [www.GNSSsolutions.com/ION\\_GNSS\\_2010\\_Tutorials\\_Seminars.html](http://www.GNSSsolutions.com/ION_GNSS_2010_Tutorials_Seminars.html) for course syllabi, prerequisites, intended audiences, recommendations and updates.

**Cost:** See table below. Special discounts available (one discount per person/order), detailed at [www.GNSSsolutions.com/Registration\\_info.html](http://www.GNSSsolutions.com/Registration_info.html)

- Quality You Can Count On – Competitive Pricing.
- Group discounts: Available for organizations that register 3 or more attendees at the same time, see [www.GNSSsolutions.com/Registration\\_info.html](http://www.GNSSsolutions.com/Registration_info.html) for details.
- Flexibility discount: For attendees who want to take some tutorials elsewhere and some from GNSS Solutions, see [www.GNSSsolutions.com/Registration\\_info.html](http://www.GNSSsolutions.com/Registration_info.html)
- ION Members discount: Receive a \$30 discount (not valid with student registration).
- Student discount: Full-time Student Rate of \$125 per ½ day session (\$115 for extended evening) with proof of full-time student status and official school ID.

**Handout Booklet:** Comprehensive course handout, professionally bound, color where needed, with every tutorial. Take notes right on your hard copy!

**Registration Options:** Fill out this form & fax it securely via SSL to: 740-205-4123 (f) or 877-444-5770 (f), (US & Canada)

Give us a call: 740-591-1660 (mobile). • On-line securely via SSL at [www.GNSSsolutions.com/ION\\_GNSS\\_2010\\_Tutorials\\_Seminars.html](http://www.GNSSsolutions.com/ION_GNSS_2010_Tutorials_Seminars.html)

**Payment Options:** Credit card, check, transfer, 1556, PO, Cash or on-line at [www.GNSSsolutions.com](http://www.GNSSsolutions.com).

**Walk-in Registrations on-Site:** Welcome at any time; if we run out of booklets, we will mail them to you.

**Location:** Oregon Convention Center, Portland, Oregon 97232, USA

**Times:**  
7:00 am Coffee/Sign-in begins  
8:30 am-12:00 pm Morning Sessions  
1:30 pm-5:00 pm Afternoon Sessions  
6:45 pm-9:30 pm Extended Evening Sessions

Coffee/drinks/snacks  
throughout the day

**Register to win:** Every paid tutorial attendee will be entered to win a handheld Garmin GPS Nuvi Receiver; one entry for each tutorial.

**Changes/Cancellations/Substitutions:** Changes by Sept 3/Cancellations by Sept 7/Substitutions anytime. See website for details.

## Fees:

Number of 1/2 day Sessions	Quality You Can Count On – Competitive Pricing			
	Early Registration (Paid by 31 Aug)		Standard Registration (After 31 Aug)	
	Total Cost for 1/2 Day Sessions	Add an Extended Evening Session	Total Cost for 1/2 Day Sessions	Add an Extended Evening Session
1	\$399	\$319	\$439	\$349
2	\$789	\$308	\$858	\$338
3	\$1099	\$299	\$1,199	\$325
4	\$1,389	\$289	\$1,487	\$314

## Total Payment:

Total 1/2 day fees: \_\_\_\_\_

Extended evening fee: \_\_\_\_\_

Track 5: Grewal Book, \$98 \_\_\_\_\_

Total fee due: \_\_\_\_\_

## Registration/Attendees Information:

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Prov./Country: \_\_\_\_\_

Zip/Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Preregister me now, I will pay later.

Certificate of Completion:  
Individualized with name, tutorials  
and CEUs listed.

## Payment Information:

Total Fee (USD): \_\_\_\_\_

Card Type (circle one): Visa      Master Card      American Express  
Discover/Novus      Dinners Club      JCB

Card Number: \_\_\_\_\_

Card Expiration Date: \_\_\_\_\_ Card code: \_\_\_\_\_

Signature: \_\_\_\_\_

Images: GPS SV image courtesy Lockheed Martin. Galileo satellite image courtesy ESA - P. Carril

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