

# EMMB WEEK

**ENGINEERING      MEDICINE      BIOLOGY**

**Mon. Feb. 9**  
**11:45 AM**  
**230 Engineering**

*“Principles and Applications of  
Gamma-Knife Radiosurgery”*

**Dr. ANITA BERNDT**  
CancerCare Manitoba

**1**

**Tues. Feb. 10**  
**10:30 AM**  
**4:15 PM**

*Tour of HSC Clinical Engineering  
Tour of Gamma-Knife & CancerCare*  
**Register @ [www.ieee.org/umembs](http://www.ieee.org/umembs)**

**2**

**Wed. Feb. 11**  
**11:45 AM**  
**230 Engineering**

*“Can We Crack the Differentiation  
Code of Embryos and Cure Breast  
Cancer via 4D-imaging?”*

**Dr. RICHARD GORDON**  
University of Manitoba

**3**

**Thurs. Feb. 12**  
**12:00 PM**  
**500 John Buhler  
Research Centre**

*“Characterizing Airway Status in  
Children Using Respiratory Sounds”*

**JANUARY GNITECKI**  
University of Manitoba

**4**

**Fri. Feb. 13**  
**11:45 AM**  
**230 Engineering**

*“MRI: Principles, State-of-the-art  
Technologies, and Applications”*

**EMBS DISTINGUISHED LECTURER**

**Dr. ZHI-PEI LIANG**

University of Illinois Urbana-Champaign

**5**

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AT ALL  
SEMINARS**