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## The IEEE Houston Section, IEEE Council on Superconductivity, and the University of Houston

Cordially invite you to the dedication of the

### IEEE MILESTONE IN ELECTRICAL ENGINEERING AND COMPUTING

#### High-Temperature Superconductivity, 1987

On this site in 1987, yttrium-barium-copper-oxide,  $\text{YBa}_2\text{Cu}_3\text{O}_7$ , the first material to exhibit superconductivity at temperatures above the boiling point of liquid nitrogen (77 K), was discovered. This ushered in an era of accelerated superconductor materials science and engineering research worldwide, and led to advanced applications of superconductivity in energy, medicine, communications, and transportation.

**November 17, 2014**

#### Schedule of Events

#### IEEE Milestone Community Lecture: Superconductivity Above 77 K in Y-123 - History and Applications

*Dr. Roberto de Marca, President and CEO, IEEE, Welcome Remarks*

*Prof. Paul C. W. Chu, High Temperature Cuprate Superconductors: A History*

*Sir Prof. Anthony Leggett, The Physics of High Temperature Superconductors*

*Dr. Alan Lauder, Current and Future Applications of High Temperature Superconductors*

**10:00 a.m. – 12:00 N**

Hilton University of Houston, Shamrock Ballroom

4800 Calhoun Road, Houston, TX 77004

**Post-Lecture Box Lunch 12:15 p.m. – 1:45 p.m.**

(200 tickets available for students and faculty on first-come **RSVP** basis)

Hilton University of Houston, Conrad Hilton C/D

**Milestone Plaque Unveiling Ceremony 2:00 p.m. – 3:00 p.m.**

Hilton University of Houston, Shamrock Ballroom

**RSVP** for all events

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