

Activity in USA (1989-2005)

- Technical Presentation

- 1) Gorham conference ; 1992, 1993, 1994, 1995, 2004

- * Conference Chairman (San Diego, 1995)

- 2) ALMA Conference 2003, 2004

- ALMA(American Loudspeaker Manufacturer Associ.)

- Customer promotion and Sales;

- Unique Mobility Inc. (Golden, CO)

- visited and sold for EV development
in late '80s

- 1st User of Nd magnets for
drive train for EV



Activity in USA (2003-2006)

- Automotive Business Promotion
 - 1) EPS ; Emerson(DEAS), Globe, Delphi
 - 2) HEV; GM (ATC in Torrance, HDC in Troy), DCX in Troy, GM Allison (Indianapolis),
- Conference Presentation;
 - 1) The 23rd PMMM in April 2003
 - 2) Gorham Conference; Detroit in Oct 2004
 - 3) 2006 Magnetics ; Indianapolis in Oct 2005
- Major Customer visit :

Globe Motor, Emerson, GM, Delphi, Eaton, ENOVA, Astronautics, Hitachi America etc

Other activities (1989-2006)

- Exhibition organization and execution
 - 1) 2003 EV20 Exhibition (Long Beach, CA)
 - 2) GM World Tech Exhibition (Warren, MI in 2005)
 - 3) SAE 2006 Hitachi Booth (Detroit, 2006)
- Private activity:

Nominated and published in the book ;
“Who’s who in the world in 2006”
acknowledged for works on IEC-68 (International Electrotechnical Committee) to establish a global standardization of permanent magnets.
- French Language Award;
Harper College, Level – III (2004-2006)

Gorham Conference 95

What is "Gorham Conference" ?

Gorham Conference is an international conference focusing the up-dated technology, marketing, sales and M/A activities specifically on NdFeB magnets, which started late 80's.

The conference was held annually in USA (one time in UK) and gathered over 100 engineers, marketing and businessman all over the world. Dr. Yamamoto was awarded to be one of the chairman of Gorham 95 held in San Diego, CA with Mr. Michael Hughes of MAGNEQUENCH, a subsidiary company of GM at that time.



Global Markets/Applications

The China Factor

Voice Coil Motors

Loudspeakers

Magnetic Resonance Imaging

Sensors and PM Motors

Magnetic Separators

Automotive Applications

NdFeB in Office Equipment

Giant Magneto Resistance

Noise/Vibration Cancellation

Interstitial C/N Magnets

Nano-Composite Magnets

HDDR/Anisotropic Powders

PrFeB Magnets

Bonded/Sintered/Hot Formed

Magnetization/Demagnetization

Temperature Stability

Corrosion Problems



Ninth International Business Conference for Magnet Producers, Users, and Raw Materials Suppliers

NdFeB 95

New Technologies • New Applications • New Markets

An international business conference focusing on:

- Expanding prospects for anisotropic and isotropic bonded NdFeB magnets.
- Where and how NdFeB will continue to replace ferrites, alnico, and RECo magnets.
- New applications which will boost growth of NdFeB: • Sensors • CD-ROM • Computers • Magnetic separators • MRI's • Loudspeakers • Electric vehicles • Noise and vibration cancellation • Giant magnetoresistance • Petroleum dewaxing • Motors
- The market impact of advances in corrosion protection, temperature stability, ultra-high energy magnets (54 MgO), anisotropic powders, nano-structured magnets, and interstitial rare earth magnets.
- The market impact of low cost NdFeB magnets and raw materials from China.
- How the pending sale of all or part of GM's Magnequench Division will impact global NdFeB market expansion.
- Market forecasts for Japan / Asia, North America and East / West Europe.

Conference Co-Chairmen



Dr. Hitoshi Yamamoto
General Manager of Engineering
Sumitomo Special Metals America, Inc.



Michael Hughes
Marketing Manager
Magnequench Business Unit



Honorary Chairman
Port Wheeler, President
Wheeler Associates



Keynote Speaker
Prof. Yang Luo, Vice President
San Huan New Material and High-Tech, Inc.

26, 27 & 28 FEBRUARY 1995

Hyatt Islandia • San Diego, California • USA

GORHAM / INTERTECH CONSULTING

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EVS 20, Long Beach, CA (2003)



Toyota booth



Honda booth



*Sumitomo Special Metals America
booth*



IEC/TC68 Meeting (Daejeon, Korea)

Location; Daejeon,
Korea

(Nov, 2003)

Attended from
Chicago to Daejeon
as a WG5 convenor
of IEC/TC68.



** Dr. H.Yamamoto; the smallest person next to the tall gentleman
in the center of 2nd row.*