

Proposal to the ANS Thermal-Hydraulic Division for the NURETH-12 Meeting

ANS Pittsburgh Section

June 13, 2004
Pittsburgh, Pennsylvania

ANS Pittsburgh Section Proposal

- Last 2 NURETH meetings taking place abroad:
NURETH-10
Oct. '03, Seoul, South Korea
NURETH-11
Oct. '05, Avignon, France
- Most recent US meeting was on the West Coast:
NURETH-9
Oct. '99, San Francisco, CA
- If held in Pittsburgh, it will be first one on the East Coast since NURETH-7 ('97, Saratoga Springs)

ANS Pittsburgh Section Proposal (cont.)

- Possible Dates:
October 7-11, 2007
October 14-18, 2007
(Similar to previous meetings in October, and
~two years later than Avignon mtg.)
- Possible Location:
Sheraton Station Square,
Omni William Penn Hotel,
Pittsburgh Marriott, or
Greentree Marriott.

ANS Pittsburgh Section Proposal (cont.)

- Major Sponsors:
American Nuclear Society
ANS Pittsburgh Section
ANS Thermal-Hydraulics Division
- Co-sponsors to be invited:
AIChE, ASME,
EPRI, DOE, NRC, IAEA
CNS (Canada), ENS (Europe),
AEJS (Japan), KNS (Korea),
JSMF, SFEN

Conference Summary

- Estimated Attendees:
400+ full-time equivalent
- Estimated Papers:
250-300
- Sessions:
1 half-day plenary session
5-6 half-day parallel (3-4) sessions
- Registration Fee:
~\$600
- Hotel Cost:
~\$175 per night

ANS Pittsburgh Section Experience

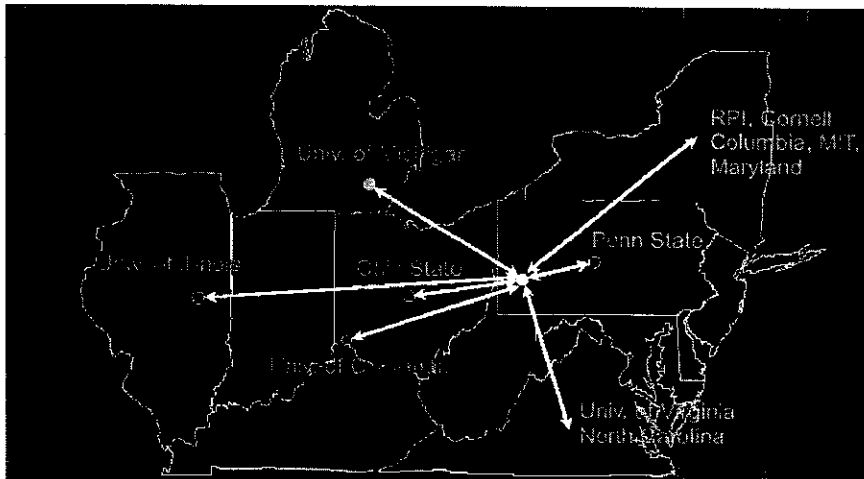
- Our team has proven record of delivering strong technical meetings with excellent profits.

Meeting	Attendees	# of Papers	Corporate Support	Net Profit
'91 M&C	400+	240	\$16,300	~\$50,000
'94 Safety	250+	160	\$18,800	\$50,000+
'99 Robotics	250	140	\$22,000	\$55,000
2000 RPD	350	250+	\$12,000	\$85,000
2004 ANS	PGH Local section support in record-amount fundraising, plenary sessions, and special events planning.			
2007 THD	400+	250-300	\$25,000+	>\$100,000

Proposed Topics

- Two-phase Flow and Heat Transfer Fundamentals
- Experimental Methods and Instrumentation
- Boiling and Condensation Heat Transfer
- Subchannel Thermal Hydraulics
- Computational Methods and Code Development
- Large-Scale Tests and Databases
- Severe Accident Thermal Hydraulics
- Operating Water Reactor Thermal Hydraulics and Safety
- Advanced Water Reactor Systems and Thermal Hydraulics
- Generation-IV Reactor Thermal-Hydraulics
- High-Temperature Gas-Cooled Reactor Systems and Thermal Hydraulics
- Thermal Hydraulics in Other Applications
- Miscellaneous Subjects
- Special Sessions

Pittsburgh is Accessible to Several Student Chapters



Importance of Topical Meetings for the Local Sections

- The main source of funds for the local chapters are the technical meetings.
- Local sections must hold a medium to large meeting every 2-3 years to continue their activities.
- Embedding the topical into the National Meeting will negatively impact the local sections and will have great implications for their viability.

Pittsburgh Section Proposal Summary

- In 2007, it will be 10 years since NURETH was held in the East Coast.
- Pittsburgh Section members are experienced and well-known in the industry, both in US and Internationally.
- Pittsburgh Section organized technically and financially successful meetings
 - Large international participation (~50%)
 - Each generated over \$50,000 net profit
 - Profits created \$50K scholarship endowment
- Strong corporate support reflects confidence in the Pittsburgh Section's ability to deliver on commitments. We again expect to obtain corporate financial support.
- Downtown Pittsburgh is scenic and vibrant, yet inexpensive.