Technology WG

- Topics and Session Discussion
  - M. Abdou (10 min.)
- Schedule Sequence and Considerations
  - M. Ulrickson (5 min.)

Technology Working Group

Subgroup # 1

Chamber Technology

Abdou / Ulrickson

- Liquid Walls (IFE & MFE) *Moir / Morley*
- MTBF/MTTR Availability Goals *Tillack / Nelson*
- Waste Minimization *Petti / Cheng*
- Materials *Zinkle / Billone*
- Evolutionary Concepts *Ulrickson / Mattas*
- Testing *Conditions/Facilities* Zinkle / Ying
- Tritium Self-Sufficiency *Sawan / Willms*

Subgroup # 2

Plasma Technology

Milora / Callis

- Profile Control Technologies *Swain / Temkin*
- Magnets *Minervini / Woolley*
- Targets & Injection Systems *Schultz / Steckle*

Common Questions

- Contributions that technology can make?

  (M. Ulrickson, S. Milora)

- New Technology issues for “Advanced Tokomaks”?

  (J. Santarius, R. Temkin)

- Technology’s potential advancement of science?

  (M. Tillack, D. Petti)

Technology Working Group Action Items

1 Draft Skeleton report (to motivate discussion) : June 15th.

2 Conference Call: June 22nd

3 List of Presenters (very short presentations) by June 22nd

4 Discuss and Finalize Schedule for the 2nd Week - Group Meetings v. Individual Topic Meetings

5 Discuss the need for a “framework” to provide a context for the many hot topics.

Issues Regarding the “Process” by which Sessions Will Be Conducted

- Facilitative Issues - Roles & Responsibilities
- Decision-Making Stage Timeline
- Major Summaries for 2nd Week

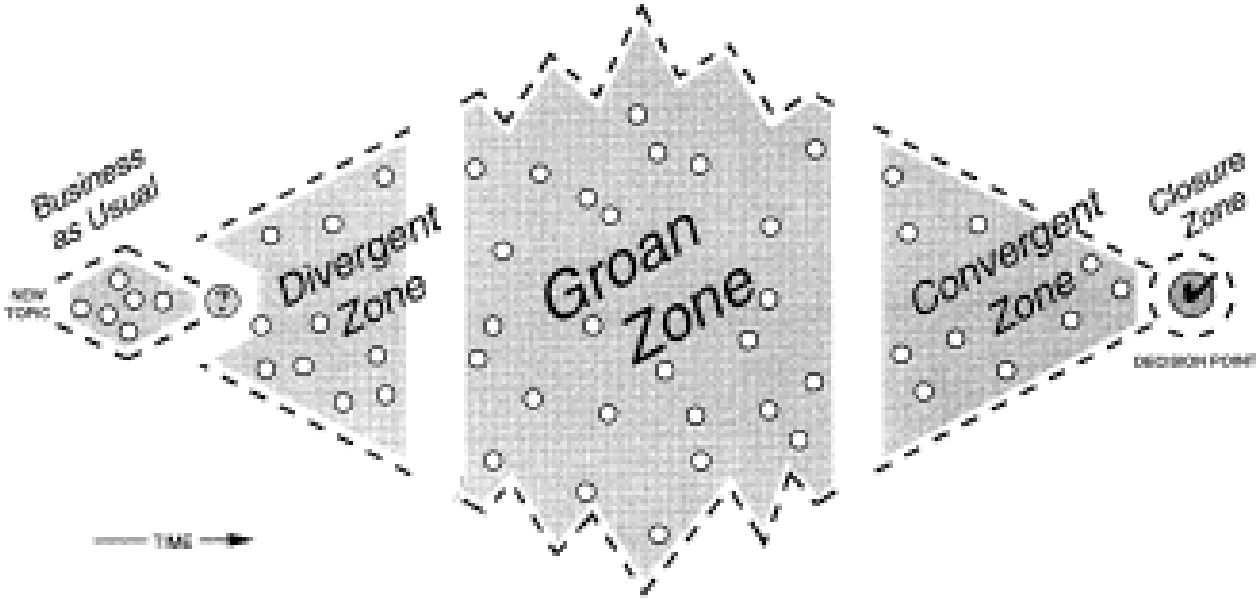
Facilitator Needs to Be “Content-Neutral”

- Technology WG discussed the question of:

“*Who should facilitate the sessions at Snowmass?*”

- No consensus: Decision left to each topic leader / co-leader :
  - Some will run their own sessions
  - Others will select a “technical person,” who is *not* a strong *content-advocate*

Timeline For Technology Working GroupÕs Decision Making Process



Before Snowmass (July 10)

After Snowmass