

# Proposed Outcomes for Seminar

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For each domain (learning, planning, knowledge sharing, and HRI) produce:

1. **Summary of State-of-the-Art**
  - a. Mainstream directions
  - b. Camps
  - c. Capabilities
  - d. Axioms
  - e. Validation
2. **Goals**
  - a. Hypotheses to be demonstrated
  - b. Capabilities to be achieved
  - c. Performance desired
  - d. Theories to be established
  - e. Roadmap
3. **Major Obstacles**
  - a. Algorithms
  - b. Conceptual
  - c. Computing (H/W, S/W, infrastructure, etc.)
  - d. Platforms
4. **Necessary Breakthrough Directions**
  - a. Theoretical
  - b. Conceptual
  - c. Computational
  - d. Platforms
  - e. Community

Instructions to participants:

- Come prepared to work in small groups
- Group activity is to write a proposal on the topic
- Bring questions, ideas, problems, insights
- Talks should be forward-looking; may have jousts (debates) arranged on-site
- Bring introduction slides (3 slides – 5 minutes)
- Perhaps short survey talk on each domain (moderator or organizer)
- Use memory stick (or 1024x768 resolution)
- Possible scenarios: (1) Household assistant, (2) Rescue Robot (earthquakes)

Meals:

- Breakfast: 7:30-8:45
- Lunch: 12-15-13:30
- Dinner: 18:00

## Schedule

Monday:	9:00-9:30	Welcome and Intro to seminar
	9:30-12:00	Individual Intros
	12:15-13:30	Lunch
	14:00-14:15	Group Formation and Organization (select scribe)
	14:15-17:30	Group Discussions (e.g., write proposal on topic)
	18:00	Dinner
Tuesday	9:00-10:00	15-minute group summaries of directions, issues, ideas
	10:00-11:00	Blazing Issue I or Presentations
	11:00-12:00	Blazing Issue II or Presentations
	12:00-13:30	Lunch
	14:00-17:30	Group Discussions
Wednesday	9:00-10:00	15-minute group summaries
	10:00-11:00	Blazing Issue III or Presentations
	11:00-12:00	Blazing Issue IV or Presentations
	12:15-13:30	Lunch
		Afternoon Free
Thursday	9:00-10:00	15-minute group summaries
	10:00-11:00	Blazing Issue V or Presentations
	11:00-12:00	Blazing Issue VI or Presentations
	12:15-13:30	Lunch
	14:00-17:30	Group Discussions
Friday	9:00-10:00	Open Discussion of group results
	11:00-12:00	Conclusions and Compilation of Results
	12:15-13:30	Lunch