

Discussion of Technology Progress and Identification of Technology Needs

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The purpose of this session was to provide a forum where the particular expertise and vantage of each workshop participant could be gained in identifying areas where further e-beam curing research is needed. The participants were asked to answer this question, ***“What are the most important technical needs that must be addressed in order to make electron beam processing of composites viable on an industrial scale?”***

The Procedure used for this working session was as follows:

The participants were divided into 6 subgroups. The average subgroup consisted of 12-15 participants.

- ◆ In order to assure “diversity of opinion” within each subgroup, the subgroup participants were randomly selected.
- ◆ Each participant was provided a **“Technology Needs Form”** and a **“List of Potential Issues for Consideration.”**

Each subgroup elected a leader to facilitate the discussion according to the following tasks:

- ◆ **Task 1:** Participants were given 15 minutes to write down their technology development needs regarding the question posed.
- ◆ **Task 2:** Each group was given 30 minutes to discuss the needs that were identified in task 1.
- ◆ **Task 3:** Each group was then given 15 minutes to reach a consensus as to their top 3 R&D needs.
- ◆ **Task 4:** The subgroup leader presented the results to the workshop participants.

The results from each subgroup and a consolidated summary of these results are presented in the following pdf files:

- ◆ **Group 1**
- ◆ **Group 2**
- ◆ **Group 3**
- ◆ **Group 4**
- ◆ **Group 5**
- ◆ **Group 6**
- ◆ **Consolidated Results**