A Laser Workshop on “Laser Based Manufacturing”

Miller Center, Univ. of Virginia, Charlottesville, VA 22904
Wednesday, Nov. 10, 2010, 8:00 AM – 4:05 PM
Cost: Free

Aim:

• Provide an overview on “Laser Based Manufacturing” through fundamental aspects as well as practical examples from laser users in various industrial sectors, including:
  o Automotive industry
  o Aerospace industry
  o Medical Industry
  o Microelectronics/Energy
  o Laser equipment manufacturers

• Generate good discussion from attendees and presenters; networking and latest advances

Scope:

• Topics covered include:
  o Welding
  o Micromachining
  o Cladding
  o Surface texturing
  o Laser direct metal deposition

• Advances in high power laser equipments, laser system integration and hybrid laser processing

• Provide knowledge on laser applications, systems and design of components

• Small business perspective

Sponsor: NSF I/UCRC Center for Laser and Plasma for Advanced Manufacturing
Contact: Prof. Mool C. Gupta (Dept. of Elec. & Comp. Engr., Univ. of Virginia)
  • (434)-924-6167 • mgupta@virginia.edu • www.seas.virginia.edu/lam

The historic city of Charlottesville located in the foothills of the Blue Ridge Mountains is very scenic during fall and has many places to visit like Jefferson’s house (Monticello).