

The Venue

The dynamic city of Denver, Colorado—and the newly-completed, architecturally-exciting Hyatt Regency—will play host to this year's conference. Located where the midwest plains meet the Continental Divide, Denver offers a thriving, culturally-rich downtown with more than 300 days of sunshine per year, breathtaking mountain views, and ample opportunity to enjoy the outdoors. Denver's proximity to the rich mineral wealth of the Rocky Mountains brought the railroad in 1870 and the area blossomed into an elegant metropolis still known as "The Queen City of the Plains." Denver is a commodities/high-tech hub, second only to Washington, DC, in the number of federal employees it houses. Oil, gas, and mining firms reside here; Denver is the world's largest telecommunications center; and its Mint is the largest coin producer on earth. The University of Colorado and many sophisticated federal scientific agencies are located in nearby Boulder. Despite its relatively small size, Denver is home to five major league sports teams, and is the site of the renowned Red Rocks amphitheater (with its spectacular canopy of stars), the Six Flags Elitch Gardens amusement park, and 'LoDo,' a trendy dining and shopping district. The Denver Hyatt Regency—located just off the 16th Street Pedestrian Mall, which boasts shopping and entertainment opportunities galore—will be your portal to a unique, high-country experience.

Collocation

Collocation with NIP22: The 22nd International Conference on Digital Printing Technologies will allow Digital Fabrication 2006 attendees access to a meeting that has become the preeminent forum for discussions of advances and directions in non-impact and digital printing technologies over the past two decades. NIP22 will offer a comprehensive program of more than 200 contributed papers from leading scientists and engineers along with keynote addresses, sessions of invited papers on special topics, an extensive program of tutorials, discussion panels, a print gallery, and a large exhibit featuring leaders in the areas of digital printing components, products, materials, and equipment. Collocation means that professionals from both fields will have the opportunity to discuss common interests and new technologies, as a way to help develop a new community of scientists and engineers focused on extending nonimpact printing methods and materials to the emerging area of digital fabrication.

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Digital Fabrication 2006

September 17-21, 2006



Denver, Colorado

Collocated with NIP22

**Abstract Deadline:
February 2, 2006**

General Chair:
James W. Stasiak,
Hewlett-Packard Company

CALL FOR PAPERS

The Conference

Join us in Denver for the second International Conference on Digital Fabrication Technologies!

Over the last few years, digital and non-impact printing technologies have enabled new fabrication methods, materials, and applications. By exploiting both traditional non-impact and new printing approaches it is now possible to pattern and print—digitally fabricate—two- and three-dimensional structures at physical scales ranging from nanometers to meters, including electronic circuits, MEMs and NEMs structures, architectural components, and even biologically-engineered structures. These methods are finding applications in all areas of prototyping, fabrication, and commercial applications—from the laboratory bench to the manufacturing floor.

A comprehensive program of invited and contributed papers from leading scientists and engineers is planned along with keynote addresses, tutorials, and an exhibition of digital fabrication related products, materials, and equipment. Digital Fabrication 2006 will again be collocated with NIP, thereby providing a unique opportunity for technical professionals in both fields to discuss the advances, synergy, and directions of both technologies.

Conference Committee

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TECHNICAL PAPER SUBMISSIONS IN THE FOLLOWING AREAS ARE ENCOURAGED:

- Traditional Approaches: Ink jet, electrophotographic, gravure, etc.
- New Methods: Micro- and dip-pen; laser direct-write; focused ion and electron beam; nano-printing and scanning probe approaches; electrostatic/electrophoretic; etc.
- Industrial and Commercial Applications
- 3D Printing and Micromachining
- Materials and Substrates: Organic; inorganic; biologic; micro-, meso-, and nano-scale
- Printed Electronics and Devices
- Printing of Biomaterials
- Printed Architectural Components
- Applications

How to Submit

The Digital Fabrication Conference Committee invites you to submit a technical paper representing original work in the science and/or technology of digital fabrication and direct-write. Submissions must include:

- An abstract of approximately 200 words, clearly stating the technical content of the paper and, if appropriate, identifying what is new compared to previously presented or published materials
- Complete contact information for author name(s), *i.e.* company, address, telephone, fax, and email
- 75-word biographical sketch of the principal author only
- Preference for oral or interactive presentation
- Preferred session assignment

Submit the above information to IS&T via www.imaging.org/conferences/DF2006 by **February 3, 2006**.

The full text of accepted papers will be published in the conference proceedings. This text is due in electronic form by **June 2, 2006**. Please direct all submission inquiries to Felecia Marsh at 703/642-9090 or DF@imaging.org.

Papers presented at Digital Fabrication 2006 may also be submitted for publication in one of IS&T's peer-reviewed journals. Contact IS&T for more information.

Tutorials

In addition to stimulating technical sessions, Digital Fabrication 2006 attendees will be able to choose from more than 25 tutorials taught by world-renowned experts on a wide range of digital printing technology subjects. You are sure to find a tutorial of interest that either introduces you to a new field or keeps you up to speed with the latest developments in your field! Be sure to check out the tutorial offerings in the Preliminary Program.

Invitation to Exhibitors

More than 800 digital printing and fabrication industry leaders and technical experts will gather in Denver for NIP22 and Digital Fabrication 2006. A highlight of the conference, the exhibit traditionally features more than 50 companies showcasing state-of-the-art printing products and applications, including equipment and materials, inks and toners, papers, films, textiles, and test equipment.

If you'd like to exhibit at NIP22/DF2006 please contact Exhibit Chair Laura Kitzmann (laura.kitzmann@sensient-tech.com) or Donna Smith (dsmith@imaging.org). The exhibit dates for 2006 are Tuesday, September 19th and Wednesday, September 20th.

Exhibit rates increase on June 16, 2006—act now!