

## The Venue

Anchorage, Alaska, with its Northern Lights, nearby glaciers, native arts, and frontier culture will host NIP23. Join us for what promises to be an exciting technical meeting combine with an incredible travel experience!

A small city by most standards, Anchorage is the perfect location from which to explore the wonders this part of the world has to offer, whether via day or overnight trips. While small in size, Anchorage has a wide selection of restaurants—from fine dining establishments to brewpubs—a vibrant art scene, and interesting museums and stores to explore. You can spend a day viewing wildlife or trekking through a glacier valley and be back in the city in time for dinner.

The headquarter hotel for NIP23 is the Hilton Anchorage, site of tutorials and the Welcome Reception. Technical sessions and the exhibit will take place in the Anchorage Convention Center, located a block from the hotel. To help keep travel budgets down and offset the cost of airfare, we've secured rooms for \$125/night single/double at the Hilton. More information on housing will be available with the release of the preliminary program.

There are direct flights from many cities in the US to Anchorage. At this time, there are direct flights from Frankfurt via Condor (a division of Lufthansa, [www.condor.com](http://www.condor.com)) on Saturday, Sunday, and Tuesday—the current fare is €400 one way and already bookable—and on China Airlines ([www.china-airlines.com/en/index.htm](http://www.china-airlines.com/en/index.htm)) from Taipei on Sunday, Tuesday, Thursday, and Friday (return on Monday, Wednesday, Friday, and Saturday). Flights from Frankfurt and Taipei take approximately 8.5 hours.

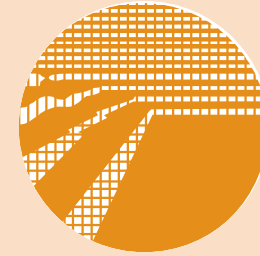
Average Anchorage temperatures in September hover around 57°F/14°C, with showers a possibility. Daylight averages 14.25 hours. A special treat is that the Northern Lights should be visible by this time of year.

To learn more about Anchorage and what it has to offer, visit [www.anchorage.net](http://www.anchorage.net). This site is available in English, Spanish, German, Chinese, Japanese, and Korean. Just click on the flag in the lower left corner to change the language.

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# Digital Fabrication 2007

September 16-21, 2007



Anchorage, Alaska  
Collocated with NIP23

**Abstract Deadline:**  
**February 1, 2007**

General Chair:  
Ross Mills,  
imaging Technologies international  
(iT<sub>i</sub>)

CALL FOR PAPERS

## The Conference

### Join us in Anchorage for the third 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 2007 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, electrophotography, 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

## Collocation

Collocation with NIP23, the 23rd International Conference on Digital Printing Technologies, will allow Digital Fabrication 2007 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. NIP23 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 non-impact printing methods and materials to the emerging area of digital fabrication.

## 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 work
- 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/DF2007](http://www.imaging.org/conferences/DF2007) by **February 1, 2007**.

The full text of accepted papers will be published in the conference proceedings. This text is due in electronic form by **June 1, 2007**. Please direct all submission inquiries to Felecia Marsh at [DF@imaging.org](mailto:DF@imaging.org); 703/642-9090.

*Papers presented at Digital Fabrication 2007 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 2007 attendees will be able to choose from approximately 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 750 digital printing and fabrication industry leaders and technical experts will gather in Anchorage for NIP23 and Digital Fabrication 2007. 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 NIP23/DF2007 please contact Exhibit Co-chairs Laura Kitzmann ([laura.kitzmann@sensient-tech.com](mailto:laura.kitzmann@sensient-tech.com)) or Cindy Morgan ([cindy.morgan@inkjetsys.com](mailto:cindy.morgan@inkjetsys.com)). You may also contact Donna Smith ([dsmith@imaging.org](mailto:dsmith@imaging.org)) at IS&T. The exhibit dates for 2007 are Tuesday, September 18th and Wednesday, September 19th.