Dear Member of the Manufacturing Community,
We are pleased to invite you to join us for the first meeting of the **Advisory Group** on **Digital Manufacturing** (ISO TC184/SC4/AG1) to be held **Tuesday, 14 – Wednesday, 15, June** in **Troy, New York.**

What Is Digital Manufacturing?
Digital Manufacturing is the definition and control of manufacturing processes using models that include Geometric Dimensions and Tolerances (GD&T). The inclusion of GD&T allows intelligent applications to optimize, monitor and inspect machining programs in real time, before, after and during the machining.

Advisory Group 1 is developing a roadmap for the deployment of digital manufacturing. At this meeting we will analyze early results of two projects: "Mind the Gap" (**DMDII 14-02-02**) is developing a suite of tools for optimizing machining processes which promise to make machining programs of the future 15% more efficient; "O3" (**DMDII 14-06-05**) is developing a system for measuring machining results in real time using a virtual CMM, eliminating many errors, and allowing customers to understand the true geometries of their parts in advance of their shipment.

The meeting will discuss the two projects and prepare a scenario for demonstrating their value at a joint meeting of ISO STEP, MTConnect and OMAC at the Future of Flight Museum in Washington State in October. The meeting will also plan for the next phase of deployment in which many companies use digital manufacturing to make their enterprises more efficient. Finally, the meeting will project out what kinds of protocols are going to be necessary to connect millions of manufacturing machines, up and down the supply chain, for all kinds of automated manufacturing and measurement.

The meeting will be held at the offices of STEP Tools, Inc. in Troy NY. Troy is about 100 miles north of New York City on the Hudson River. The airport is shared with Albany and is about 10 miles away on fast roads. There are lots of direct connections to many USA cities including many that are International gateways.

Advisory Group 1 is open to all member and observer countries of ISO TC184.

Registration Fees and Policies for the International Workshop
There is no registration fee for this meeting. Those wishing to attend are asked to contact claire@steptools.com for registration. Registration is necessary so that the hosts can track

attendance and coordinate transport between the airport, hotels and meeting sites. The registration deadline is June 1st 2016. Arrival on Monday June 13th is recommended.

Workshop Meals
Tuesday and Wednesday: light lunch, morning and afternoon coffee breaks provided by STEP Tools, Inc.

Social Events on Monday June 13th and Tuesday June 14th
A welcome get together event is being sponsored by STEP Tools, Inc. for the evening of Monday June 13th. Please let them know about any food preferences or allergies during the registration process.

A second social event is being organized for the evening of Tuesday June 14th. This event will give registrants an opportunity to visit nearby Lake George. Payment for this event will be the responsibility of the registrant.

Hotel Information – Troy
The following hotels are recommended because of their convenient location. Many alternate hotels are located near the Albany airport.

Hotel Franklin Square Best Western (preferred)
(5 minute walking distance):
http://www.franklinsquareinn.com/

Hilton Garden Inn Troy
(5 minute drive, 30 minute walk through the RPI campus):
http://hiltongardeninn3.hilton.com/en/hotels/new-york/hilton-garden-inn-troy-ALBTYGI/index.html

Transport – Air
There are direct connections to Philadelphia, Newark, Baltimore, Washington (Dulles and National), Chicago (Midway and O'Hare), Atlanta, Detroit and Orlando. Those who travel overseas frequently usually go via Philadelphia. There are some flights to NYC (JFK) and Boston but they use small commuter planes.

Transport – New York City
The normal way for visitors to get from New York City is by train. This follows the river and is quite pretty. The best trains take 2.5 hours but most take a bit over 3 hours. Go to the AMTRAK web site to make bookings. The train station is a taxi ride away from downtown Troy and is called Albany/Rensselaer. If you are on a budget then there are many buses to downtown Albany from where you can also get to a Taxi to Troy. There is no Uber in New York State.

Transport – Other international gateway airports
Visitors to Troy sometimes fly to Boston which is a 3.5 hour drive and Montreal which is a 4.5 hour drive. The time from Boston can be much slower if you hit commuter traffic. The drive from Montreal is through the Adirondacks and is very pretty but requires crossing the international border which used to be horrendous but has now settled down.