

# CALL FOR PAPERS

## 16TH CIRP Conference on Computer Aided Tolerancing

**CHARLOTTE, NC USA      JUNE 15-17, 2020**

### ***Opportunities and Constraints in the Standardization of Geometrical Product Specifications***

A key focus of the CIRP CAT 2020 will be the role of standardization in GPS specification, and the constraints and opportunities provided by standards throughout the design lifecycle, including in the verification of products.

Papers are solicited that address research in these areas, and the extensive discussion of issues is anticipated between researchers and practitioners from both academia, industry, and national laboratories. Additionally, a session that focuses on industrial applications of specification and verification tools will be included to attract industrial participants.

#### **Topical Areas**

- Standardization of GPS
  - Specification
  - Verification
- Tolerance Design / Synthesis
- Tolerance Analysis
- Variation Simulation
- Tolerancing for  $X$
- Metrology Challenges
- Uncertainty in Tolerancing and Verification
- Needs driven by new technologies
- Education and Training tools & efforts
- Industrial applications and case studies

#### **Important Dates**

November 15, 2019	Abstract submission deadline
December 30, 2019	Full paper submission
January 31, 2020	Full paper acceptance
March 15, 2020	Final paper submission

#### **Contact**

Prof. Edward Morse  
UNC Charlotte  
[emorse@uncc.edu](mailto:emorse@uncc.edu)  
[cirpcat2020.uncc.edu](http://cirpcat2020.uncc.edu)



**CIRPCAT2020.UNCC.EDU**

