



Call for Participation at DATE Friday Workshop W07  
**CSC: Contribute – Share – Collaborate**  
 March 23, 2018 – Dresden, Germany



**Background & Motivation:**

Microchips are the cornerstone of our highly automated world. The heart of building microchips are reliable, highly efficient programs which allow to describe, validate and execute the individual steps of the design – from specifying the application to manufacturing, integrating and maintaining the product. Providing these tools is the Challenge of the EDA (Electronic Design Automation).

**Automating the integration of an ever-growing number of complex and mostly physically entangled functionalities from multiple application domains, traditional EDA research is facing many disruptive changes.** For this reason **we are asking for your opinion and active participation to test and challenge our hypothesis** that the EDA research community requires:

- ad-hoc unconferences, which are born from the desire to share and learn in an open environment, to enable new **contributions** in EDA research
- a significant boost in **sharing** truly reproducible research results
- a well-organized **collaboration** within the heterogeneous field of different industries and research, such that we can identify new needs and realize faster exploitation of results

**About the Workshop:**

The CSC-Workshop invites you to a threefold discussion to enable **multidisciplinary excellence in EDA research**. Based on **invited talks** we introduce you to the **three main topics: Contribute, Share and Collaborate in EDA research**. For each topic, **experts** will **show problems** and **pitch new solutions** for a **joint discussion** and for an all-together **in-depth dialogue** within a **World Café** session.

Contribute	Share	Collaborate
<p><b>Kai-Uwe Hellmann</b> (TU Berlin, DE)</p> <p><i>"The best ideas are generated in coffee breaks with colleagues!"</i> Community-generated ad-hoc unconferences to mutually learn and stimulate new ideas: The BarCamp Code</p>	<p><b>Gerhard Fohler</b> (TU Kaiserslautern, DE)</p> <p><i>Ever tried to reproduce someone else's work to make a new contribution or compare your work against the state-of-the-art? Artifact Evaluation comes at your rescue!</i></p>	<p><b>Peter Schneider</b> (Fraunhofer IIS) <b>Pieter Weckx</b> (imec) <b>Jürgen Niehaus</b> (safeTRANS) <b>Andreas Kreß</b> (HOOD Group)</p> <p><i>"Solution seeks problem?" or "Solution to a problem!"</i> Panel discussion on different collaboration models and experiences between EDA research, industry and other disciplines.</p>
<p><b>World Café Session:</b> Interactive presentation and discussion of your own opinions and suggestions how to implement the presented ideas in your working environment, community or favorite conferences etc.</p>		

**Information & Registration:**  
<https://csc-workshop.github.io/DATE-2018>

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