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## Poughkeepsie Chapter of the Association For Computing Machinery



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        a  a          cc      cc      mm mm      mm mm
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**MEETING NOTICE**  
*Free and open to the public*



- Topic:** ACM Code of Ethics and Implications for Artificial Intelligence  
**Speaker:** Rasit O. Topaloglu  
**When:** Monday, April 15<sup>th</sup>, 2019, 7:30 pm  
**Where:** Marist College, **Hancock Center, Room 2023**  
**Directions:** Building 14 on the map at <http://www.marist.edu/about/map.html>  
**Parking:** Please park at black dot #10 on <http://www.marist.edu/about/map.html> (the lot North of the Hancock Center #14) or in the lot on the South-East corner of Route 9 & Fulton St. (S/E of the former Main Entrance).

**About the Topic:** Ethics is one of the core differentiators of a profession. It may not get discussed on a regular basis, but can be critical at key times. Thus observation of and adherence to key ethical expectations are crucial. In this talk, we discuss the latest update to the **ACM Code of Ethics**. The update comes due to various changes in computing since the previous update in 1992, such as number and severity of cybersecurity attacks increasing, artificial intelligence becoming ubiquitous in everyday applications, and the changes in the definition of technical leadership as in an open source community. This is expected to be an interactive session where we discuss the new code. We then go through some case studies on the topic of artificial intelligence. We will discuss ethics for autonomous vehicles and an artificial intelligence-driven small loan appraisal service.

**About the Speaker:** Rasit Topaloglu obtained his Ph.D. from UCSD in Computer Science and Engineering. He has worked for Qualcomm, AMD, and GlobalFoundries. Rasit is currently a Senior Hardware Developer and Program Manager at IBM, dealing with 7nm technology and Power10 microprocessors that are due 2020. His contributions to IBM's 14nm technology and Power9 processor design have led to Summit and Sierra supercomputers acquiring the first two spots on the Top500 List. Rasit has over fifty peer-reviewed publications and twenty-five US patents. He serves on IBM's Internet of Things patent review board. His latest book on Beyond-CMOS Computing is out now. Last year he organized an ACM Workshop on Machine Learning and attracted 100 international attendees. Rasit serves as the Vice Chair of IEEE Mid-Hudson and Secretary of the Poughkeepsie Chapter of ACM.

- Cost:** Our meeting is **Free** and open to the public  
**Dinner:** 6:00 pm, Palace Diner, 845.473.1576  
Map and menu: [www.thepalacediner.com](http://www.thepalacediner.com)  
All are welcome to join us for dinner

We thank Marist College for hosting the chapter's meetings.

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