

# DIMACS Workshop on Computational Approaches to Vehicle Routing

*with a Tribute to David S. Johnson*

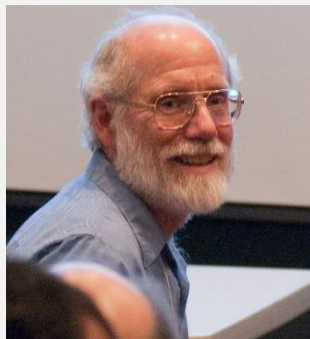
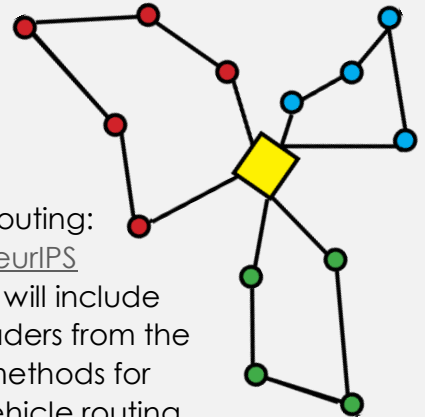
**Date: May 22-24, 2023**

Location: DIMACS Center, Busch Campus, Rutgers University

The workshop will emphasize methods and algorithms for solving vehicle routing problems (VRPs) that perform well computationally and/or have high potential for doing so.

It builds on three recent computational competitions in vehicle routing:

1) the [DIMACS Implementation Challenge](#), 2) the [EURO Meets NeurIPS competition](#), and 3) the [Amazon Last Mile Challenge](#). Presenters will include members of teams that competed in those events, as well as leaders from the broader research community who specialize in computational methods for vehicle routing. The workshop will assess the state-of-the-art of vehicle routing algorithms for well known variants, including dynamic versions, and will highlight methods that integrate machine learning and more traditional optimization.



**David Johnson Tribute:** The workshop will include a special session paying tribute to David S. Johnson and his many contributions to computational algorithms and experimentation, included among these is the founding of the DIMACS Implementations Challenges. We hope the tribute will add an informative and enjoyable historical perspective. The tribute will take place in the afternoon of May 23 and continue through dinner. Please help us spread the word to those who knew David by sharing this announcement. We hope to include both spontaneous and planned reflections on David and his work.

**Workshop Website:** <http://dimacs.rutgers.edu/events/details?eID=2380>

## Registration:

We ask that everyone to register using the button on the [workshop website](#). If you will attend only the Johnson tribute there is a question that allows you say that.

## Organizers:

Claudia Archetti, ESSEC Business School  
Tamra Carpenter, DIMACS  
Nicholas Kullman, Amazon  
Catherine McGeoch, D-Wave Systems  
Jorge Mendoza, HEC Montréal  
Panos Pardalos, University of Florida  
Mauricio Resende, Amazon  
Eduardo Uchoa, Universidade Federal Fluminense  
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