

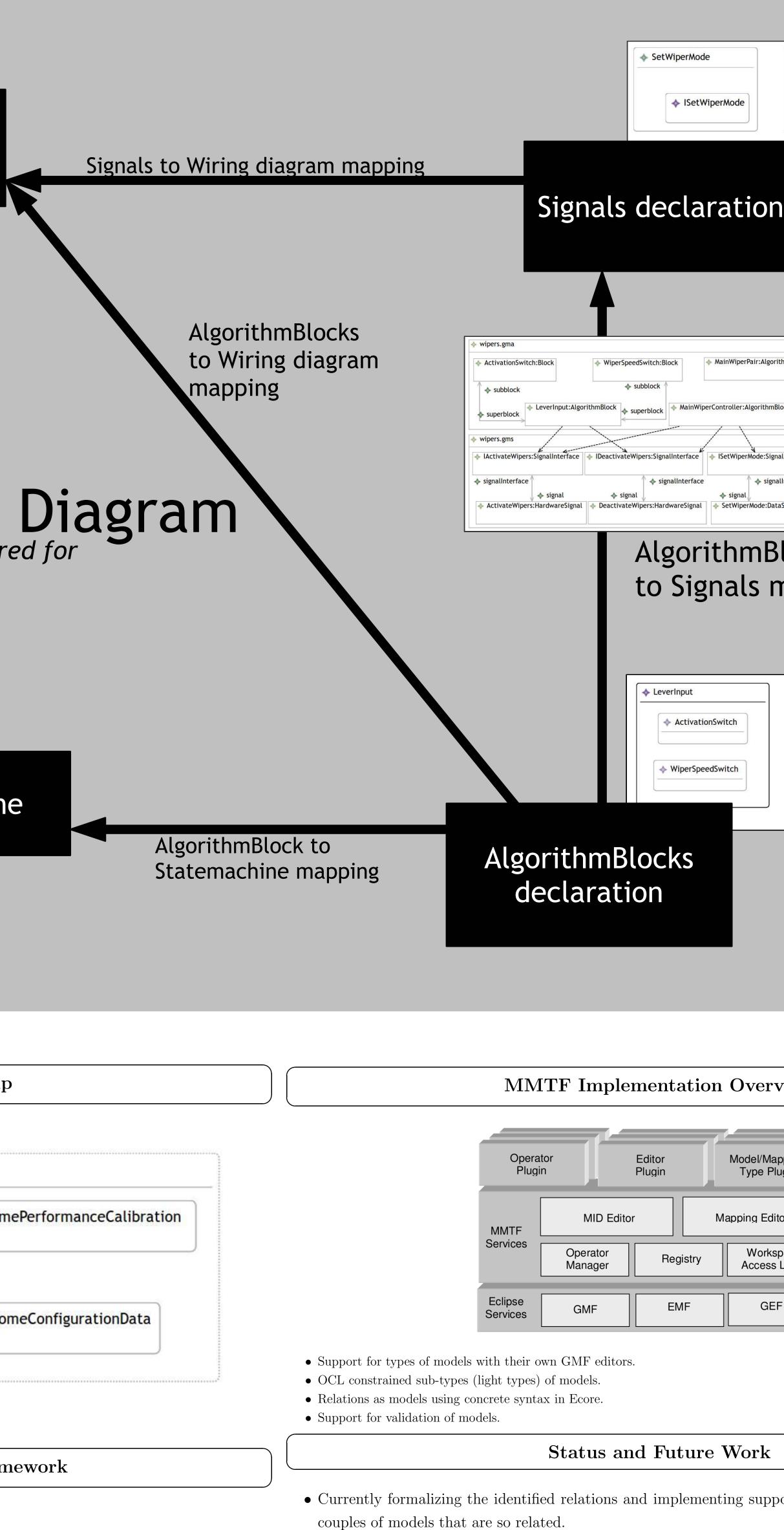
(The poster is available for download at: http://www.cs.toronto.edu/~famelis/cascon09.pdf)

## Model management for Automotive Software

Marsha Chechik, Steve Easterbrook, Michalis Famelis, Rick Salay, Qiyu Zhu (University of Toronto), Robert Baillargeon (Panasonic), Sighe Wang (General Motors)

ment	
ment tive Software faces unique rom rapid, industrialized pidly changing embedded and ensuring software ghly stylized models and	Image: Winderform Signals to   Image: Setting Winderform Signals to
	Interconnection Diagra of a part of the set of models required for building a windshield wiper system
o represent them in our	Image: set of the set of
	Data Usage Relationship
ersion1.0 ainWiperController ctivateWipers eactivateWipers MiperPair ActivateWipers DeactivateWipers	Frame Usage relation + Data
ascon(9  pdf)	





• In the future we aim to:

- Formalize the relations using the  $\mathbf{QVT}$  framework.
- Identify and formalize **other interesting relations**...
- ... with additional focus on reasoning for Software Product Line ware.

♦ DeactivateWipers	
◆ IDeactivateWipers	
ActivateWipers	
◆ IActivateWipers	
Block Block V terface erface	
ocks	
apping	
MainWiperController	
MainWiperPair	
ew	
ng	
n	
ce yer	
rt for validating them in MMT	TF for
s in the context of Automotive	e Soft-
	-