

# Schedule : Spring 2019

This is the tentative schedule of Mélange group for the Spring 2019 semester.

Meeting time & Place : Tuesdays 12:30 PM - 1:30 PM @ CSB 305

| WEEK | DATE | TOPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRESENTER          |
|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 1    | 1/29 | <ul style="list-style-type: none"> <li>Zimin Chen, Steve Kommrusch, Michele Tufano, Louis-Noël Pouchet, Denys Poshyvanyk, Martin Monperrus, <a href="#">SequenceR: Sequence-to-Sequence Learning for End-to-End Program Repair</a>, arXiv e-prints 2018</li> <li>Gabriel Rodriguez, Louis-Noël Pouchet, <a href="#">Polyhedral Modeling of Immutable Sparse Matrices</a>, 8th International Workshop on Polyhedral Compilation Techniques (IMPACT'19)</li> <li>Simon Rokicki, Erven Rohou, Steven Derrien, <a href="#">Hybrid-DBT Hardware/Software Dynamic Binary Translation Targeting VLIW</a>, IEEE Transactions on CAD 2018</li> <li>Ali Ebrahimpour Boroojeny, Akash Shrestha, Ali Sharifi-Zarchi, Suzanne Renick Gallagher, S. Cenk Sahinalp, Hamidreza Chitsaz, <a href="#">GTED: Graph Traversal Edit Distance</a>, Research in Computational Molecular Biology</li> <li>Song Han, Xingyu Liu, Huizi Mao, Jing Pu, Ardavan Pedram, Mark A. Horowitz, William J. Dally, <a href="#">EIE: Efficient Inference Engine on Compressed Deep Neural Network</a>, CoRR 2016</li> <li>Sven Verdoolaege, Gerda Janssens, Maurice Bruynooghe, <a href="#">Equivalence Checking of Static Affine Programs Using Widening to Handle Recurrences</a>, ACM Trans. Program. Lang. Syst. 2012</li> </ul> | Louis-Noel Pouchet |
| 2    | 2/5  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |
| 3    | 2/12 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Steven Derrien     |
| 4    | 2/19 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Steve Kommrusch    |

## Reading Pool

- Zimin Chen, Steve Kommrusch, Michele Tufano, Louis-Noël Pouchet, Denys Poshyvanyk, Martin Monperrus, [SequenceR: Sequence-to-Sequence Learning for End-to-End Program Repair](#), arXiv e-prints 2018
- Gabriel Rodriguez, Louis-Noël Pouchet, [Polyhedral Modeling of Immutable Sparse Matrices](#), 8th International Workshop on Polyhedral Compilation Techniques (IMPACT'19)
- Simon Rokicki, Erven Rohou, Steven Derrien, [Hybrid-DBT Hardware/Software Dynamic Binary Translation Targeting VLIW](#), IEEE Transactions on CAD 2018
- Ali Ebrahimpour Boroojeny, Akash Shrestha, Ali Sharifi-Zarchi, Suzanne Renick Gallagher, S. Cenk Sahinalp, Hamidreza Chitsaz, [GTED: Graph Traversal Edit Distance](#), Research in Computational Molecular Biology

- Song Han, Xingyu Liu, Huizi Mao, Jing Pu, Ardavan Pedram, Mark A. Horowitz, William J. Dally, [EIE: Efficient Inference Engine on Compressed Deep Neural Network](#), CoRR 2016
- Sven Verdoolaege, Gerda Janssens, Maurice Bruynooghe, [Equivalence Checking of Static Affine Programs Using Widening to Handle Recurrences](#), ACM Trans. Program. Lang. Syst. 2012

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