



## Advanced CMOS Workshop Agenda Day 1 – Ottawa MONDAY, MAY 6, 2019

<b>08:30 – 09:00</b>	<b>Registration</b>	
<b>09:00 – 09:15</b>	<b>Welcome and Opening Remarks</b>	<i>CMC Microsystems</i>
<b>09:15 – 10:30</b>	FinFET Fundamentals	<b>Dr. Tony Chan Carusone</b> <i>Professor, University of Toronto</i>
<b>10:30 – 10:45</b>	<b>Break</b>	
<b>10:45 – 12:15</b>	Presentation with Demo and Q&A: FinFET Layout Challenges, Part I	<i>Cadence</i>
<b>12:15 – 13:00</b>	<b>Lunch</b>	
<b>13:00 – 15:15</b>	Presentation with Demo and Q&A: FinFET Layout Challenges, Part II	<i>Cadence</i>
<b>15:15 – 15:30</b>	<b>Break</b>	
<b>15:30 – 16:45</b>	Presentation with Demo and Q&A: FinFET Simulation Challenges	<i>Cadence</i>
<b>16:45</b>	<b>Session Ends; Closing Remarks</b>	<i>CMC Microsystems</i>

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## Advanced CMOS Workshop Agenda Day 2 – Ottawa TUESDAY, MAY 7, 2019

08:30 – 09:00	<b>Registration</b>	
09:00 – 09:10	<b>Welcome and Opening Remarks</b>	<b>CMC Microsystems</b>
09:10– 10:30	Physical Design Challenges in sub-10-nm FinFET Technology	<b>Chris Narnos</b> <i>IC Layout Designer, Huawei Canada</i>
10:30 – 11:00	<b>Break</b>	
11:00 – 11:45	Prototyping the ANARM Asynchronous Processor in 28-nm CMOS	<b>Dr. Yvon Savaria</b> <i>Professor, Polytechnique Montréal</i>
11:45 – 12:30	Technology Innovation, Reverse Engineering Challenges: from Intel 22 nm to TSMC 7FF	<b>Alexandra Noguera, B.Eng</b> <i>Senior Logic and Standard Cell Analyst, TechInsights</i>
12:30 – 13:30	<b>Networking Lunch</b>	
13:30 – 14:00	Presentation	<b>Dr. Gayathri Tilak Singh</b> <i>Senior Engineer, Microelectronics, CMC Microsystems</i>
14:00 – 15:30	Panel Discussion (Training in sub 28nm CMOS Technologies for Canadian Competitiveness)	<b>Panelists:</b> <ul style="list-style-type: none"> <li>• <b>Cormac O’Connell</b>, <i>Director ODC, TSMC</i></li> <li>• <b>Peter Stokes</b>, <i>Director CFI Projects, CMC Microsystems</i></li> <li>• <b>Bruce Beggs</b>, <i>Director ASIC Development, Ciena</i></li> <li>• <b>Alexandra Noguera</b>, <i>TechInsights</i></li> </ul>
15:30	<b>Closing Remarks</b>	<b>CMC Microsystems</b>

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