

**Program Schedule for ICTP-ICTS Winter School on Quantitative Systems Biology 2015  
(5th - 19th December, 2015)**

**Pre-school (5<sup>th</sup> – 7<sup>th</sup> December, 2015)**

	<b>December 05, 2015 (Saturday)</b>	<b>December 06, 2015 (Sunday)</b>	<b>December 07, 2015 (Monday)</b>
9:30 – 11:00 am	Mukund Thattai	Supreet Saini	Sandeep Krishna
11:00 – 11:30 am	Tea / Coffee break		
11:30 am – 1:00 pm	Mukund Thattai	Supreet Saini	Sandeep Krishna
1:00 – 2:00 pm	Lunch		
2:00 – 3:30 pm	Supreet Saini	Deepa Agashe	Nagasuma Chandra
3:30 – 4:00 pm	Tea / Coffee break		
4:00 – 5:30 pm	Supreet Saini	Deepa Agashe	Nagasuma Chandra

**Speaker and topics:**

*Mukund Thattai*

- basic processes in cells (gene expression, metabolism, division, etc.), numbers in biology

*Supreet Saini*

- regulation of transcription, translation, etc., regulatory networks, feedback (Dec 5)

- cell-cell communication, heterogeneity and collective behaviour in isogenic populations of cells (Dec 6)

*Deepa Agashe*

- microbial ecology and evolution

*Sandeep Krishna*

- dynamical systems applied to biology, in particular setting up mathematical models of regulatory networks

*Nagasuma Chandra*

- network and graph analysis, genomic data analysis

**School (8<sup>th</sup> – 19<sup>th</sup> December, 2015)**

**Week 1 (8<sup>th</sup> – 13<sup>th</sup> December, 2015)**

	<b>Dec 08, 2015 (Tuesday)</b>	<b>Dec 09, 2015 (Wednesday)</b>	<b>Dec 10, 2015 (Thursday)</b>	<b>Dec 11, 2015 (Friday)</b>	<b>Dec 12, 2015 (Saturday)</b>	<b>Dec 13, 2015 (Sunday)</b>
9:15– 9:30 am	Welcome remarks (Prof. Rajesh Gopakumar)					
9:30 – 11:00 am	Gary Stormo	Gary Stormo	Gary Stormo	Yitzhak Pilpel	Yitzhak Pilpel	H O L I D A Y
11:00 – 11:30 am	Tea / Coffee break					
11:30 am – 1:00 pm	Matthew Scott	Matthew Scott	Suckjoon Jun	Matthew Scott	Suckjoon Jun	
1:00 – 2:30 pm	Lunch					
2:30 – 4:00 pm	Nathan Price	Nathan Price	Nathan Price	Suckjoon Jun		
4:00 – 4:30 pm	Tea / Coffee break					
4:30 – 6:00 pm	Poster session	Kunihiko Kaneko				

**School (8<sup>th</sup> – 19<sup>th</sup> December, 2015)**

**Week 2 (14<sup>th</sup> – 19<sup>th</sup> December, 2015)**

	<b>Dec 14, 2015 (Monday)</b>	<b>Dec 15, 2015 (Tuesday)</b>	<b>Dec 16, 2015 (Wednesday)</b>	<b>Dec 17, 2015 (Thursday)</b>	<b>Dec 18, 2015 (Friday)</b>	<b>Dec 19, 2015 (Saturday)</b>
9:30 – 11:00 am	Andreas Wagner	Tom Kuhlmann	Tom Kuhlmann	Tom Kuhlmann	Tutorial/discussion	Presentations
11:00 – 11:30 am	Tea / Coffee break					
11:30 am – 1:00 pm	Matthias Heinemann	Matthias Heinemann	Matthias Heinemann	Yitzhak Pilpel	Tutorial/discussion	Presentations
1:00 – 2:30 pm	Lunch					
2:30 – 4:00 pm	Pankaj Mehta	Pankaj Mehta	Pankaj Mehta			Presentations
4:00 – 4:30 pm	Tea / Coffee break			Public lecture by Ken Ono (4:00 – 5:00 pm)		
4:30 – 6:00 pm	Andreas Wagner	Nagasuma Chandra				Presentations