

**Advanced School on Quantitative Principles in Microbial Physiology: from Single Cells to Cell Communities | (SMR 3879)**

02 Oct 2023 - 13 Oct 2023  
ICTP, Italy

**8 Directors**

1. <b>BALDAZZI Valentina</b>	(In Pers.)	INRAE	France
2. <b>DE MARTINO Andrea</b>	(In Pers.)	Politecnico di Torino	Italy
3. <b>GRILLI Jacopo</b>	(In Pers.)	ICTP	Italy
4. <b>LIEBERMEISTER Wolfram</b>	(In Pers.)	INRAE	France
5. <b>MULET GENICIO Roberto</b>	(In Pers.)	University of Havana Group of Complex Systems and Statistical Physics	Cuba
6. <b>SEGRE Daniel</b>	(Online)	Boston University Department of Biology	United States of America
7. <b>VENTURI Vittorio</b>	(In Pers.)	ICGEB	Italy
8. <b>WEISSE Andrea Yeong</b>	(In Pers.)	SynthSys - Synthetic & Systems Biology, University of Edinburgh	United Kingdom

**1 Lecturer**

1. <b>RIVAS ASTROZA Marcelo Alejandro</b>	(In Pers.)	Universidad Tecnológica Metropolitana Departamento de Biotecnología	Chile
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**12 Speakers**

1. <b>CELANI Antonio</b>	(In Pers.)	ICTP	Italy
2. <b>CIANDRINI Luca</b>	(In Pers.)	Université de Montpellier	France
3. <b>CORDERO Otto X.</b>	(In Pers.)	MIT	United States of America
4. <b>COSENTINO LAGOMARSINO Marco</b>	(In Pers.)	IFOM	Italy
5. <b>DAL BELLO Martina</b>	(In Pers.)	Massachusetts Institute of Technology Department of Physics	United States of America
6. <b>FUENTES-HERNANDEZ Ayari</b>	(Online)	Center for Genomics Sciences, UNAM	Mexico
7. <b>HWA Terence</b>	(In Pers.)	University of California At San Diego, Department of Physics	United States of America
8. <b>JAIN Sanjay</b>	(In Pers.)	University of Delhi	India
9. <b>LENNON Jay Terrence</b>	(In Pers.)	Indiana University	United States of America
10. <b>MASLOV Sergei</b>	(In Pers.)	University of Illinois Urbana Champaign	United States of America
11. <b>MC GLYNN Shawn Erin</b>	(In Pers.)	Tokyo Institute of Technology	Japan
12. <b>VAN NIMWEGEN Erik Jan</b>	(In Pers.)	University of Basel	Switzerland

**54 Participants**

1. <b>AGUILAR LUVIANO Oscar Bruno</b>	(In Pers.)	Center for Genomics Science	Mexico
2. <b>ARÉVALO VILLA Carlos</b>	(In Pers.)	Friedrich-Alexander-Universität Institute of Bioprocess Engineering	Germany
3. <b>BAUMGARTNER Alexander Dieter</b>	(In Pers.)	Environmental microfluidic lab (Stocker Group) Institute of environmental engineering Department of civil, environmental and geomatic engineering ETH Zürich	Switzerland
4. <b>BUPU Annamaria</b>	(In Pers.)	SISSA	Italy
5. <b>CALABRESE Ludovico</b>	(In Pers.)	IFOM ETS - The AIRC Institute of Molecular Oncology	Italy
6. <b>CANCINO AGUIRRE Andrea Ignacia</b>	(In Pers.)	Centre INRIA de l'Université Grenoble Alpes. MICROCOSME team.	France
7. <b>DE GROOT Hugo Daan</b>	(In Pers.)	Van Nimwegen Research Group, Biozentrum, University of Basel, Switzerland	Switzerland
8. <b>DE LUNA VALENCIANO Haydee</b>	(In Pers.)	National Autonomous University of Mexico (UNAM) Center for Genome Sciences	Mexico
9. <b>DE MORAIS DOURADO NETO Hugo</b>	(In Pers.)	Heinrich Heine University	Germany

10.	<b>DROGHETTI Rossana</b>	(In Pers.)	IFOM ETS - The AIRC Institute of Molecular Oncology, Statistical Physics of Cells and Genomes Lab	Italy
11.	<b>FAGUNDES LATOSKI Luis Carlos</b>	(In Pers.)	Universidade Federal do Rio Grande do Sul Instituto de Física	Brazil
12.	<b>FINK Justus Wilhelm</b>	(In Pers.)	Institute of Integrative Biology, Department of Environmental Systems Science, ETH Zurich	Switzerland
13.	<b>FUCHS Philippe</b>	(In Pers.)	Centre de Biochimie Structurale CNRS UMR 5048 - UM - INSERM U 1054	France
14.	<b>GABRIELS Minke</b>	(In Pers.)	Delft University of Technology, Biotechnology, Industrial microbiology	Netherlands
15.	<b>GARABELLO Elisa</b>	(In Pers.)	Cornell University, School of Civil and Environmental Engineering	United States of America
16.	<b>GARCIA LIMA De Jesus Jose</b>	(In Pers.)	Technical University of Munich, School of Engineering and Design, Department of Energy and Process Engineering, Systems Biotechnology Group	Germany
17.	<b>GERVAIS Jules, Luc Théo</b>	(In Pers.)	Biozentrum der Universität Basel	Switzerland
18.	<b>GOGIA Guram</b>	(In Pers.)	ETH Zurich, D-USYS	Switzerland
19.	<b>GOJKOVIC Uros</b>	(In Pers.)	-	Serbia
20.	<b>GRIMAUD Ghjuvan</b>	(In Pers.)	APC Microbiome / Teagasc Food Science Department	Ireland
21.	<b>GUTFREUND Yuval Alon</b>	(In Pers.)	Racah Institute of Physics, The Hebrew University of Jerusalem	Israel
22.	<b>HERNANDEZ VELAZQUEZ Rodrigo</b>	(In Pers.)	Institute of Food, Nutrition and Health Department of Health Sciences and Technology Food Systems Biotechnology Laboratory	Switzerland
23.	<b>HINDLEY Hollie</b>	(In Pers.)	Natural Sciences, Imperial College London	United Kingdom
24.	<b>HUBER Alexandra Evelyne</b>	(In Pers.)	University of Basel Department for Biomedicine, Zampieri Group	Switzerland
25.	<b>HUELSMANN Matthias</b>	(In Pers.)	ETH Zurich, Department of Environmental Systems Science, Institute for Biogeochemistry and Pollutant Dynamics, Molecular Systems Ecology Group Eawag, Department of Environmental Microbiology, Molecular Systems Ecology Group	Switzerland
26.	<b>KEISERS Johannes</b>	(In Pers.)	Centre de Biologie Structurale (CBS)	France
27.	<b>LIPANI Samuele Pio</b>	(In Pers.)	University of Padua	Italy
28.	<b>MANGANELLI Gabriele</b>	(In Pers.)	Cornell University, Civil and Environmental Engineering (CEE), Giometto Lab	United States of America
29.	<b>MARCHESAN CUNHA Débora</b>	(In Pers.)	University of São Paulo School of Engineering, Laboratory of Thermodynamics	Brazil
30.	<b>MARQUIONI MONTEIRO Vitor</b>	(In Pers.)	Institute of Physics Gleb Wataghin, UNICAMP	Brazil
31.	<b>MAURI Marco</b>	(In Pers.)	Jena University Microbiology Department Theoretical Microbial Ecology AG Rosalind Allen	Germany
32.	<b>MUNOZ GOMEZ Andres Sergio</b>	(In Pers.)	Department of Biological Sciences, Purdue University	United States of America
33.	<b>NAGPAL SETHI Shagun</b>	(In Pers.)	Department of Physics and Astrophysics, University of Delhi	India
34.	<b>NOOR Elad</b>	(In Pers.)	Weizmann Institute of Science	Israel
35.	<b>PACCIANI MORI Leonardo</b>	(In Pers.)	University of California, San Diego Department of Physics Hwa lab	United States of America
36.	<b>PANIZON Emanuele</b>	(In Pers.)	ICTP	Italy
37.	<b>PASCUAL GARCIA Elena</b>	(In Pers.)	University of Potsdam Mathematical Modelling and Systems Biology Group Institute of Biochemistry and Biology	Germany
38.	<b>PASQUALINI Jacopo</b>	(In Pers.)	Università degli Studi di Padova	Italy
39.	<b>PAULETTI Michela</b>	(In Pers.)	University of Basel - department of biomedicine	Switzerland
40.	<b>PEREIRO MOREJON Jose Antonio</b>	(In Pers.)	University of Havana Group of Complex Systems and Statistical Physics	Cuba
41.	<b>PIGANI Emanuele</b>	(In Pers.)	Stazione Zoologica Anton Dohrn	Italy
42.	<b>PLANQUÉ Robert</b>	(In Pers.)	VU Amsterdam Dept of Mathematics	Netherlands
43.	<b>POPESCU Ofelia</b>	(In Pers.)	School of Physics and Astronomy University of Edinburgh	United Kingdom

44. <b>RAACH Benjamin</b>	(In Pers.)	Eawag: Swiss Federal Institute of Aquatic Sciences Institute of Biogeochemistry and Pollutant Dynamics, Department of Environmental Systems Sciences, ETH Zurich	Switzerland
45. <b>RAMESH Divvya</b>	(In Pers.)	ETH Zurich, Department of Environmental Systems Science, Microbial Systems Ecology group Swiss Federal Institute of Aquatic Science and Technology, Department of Environmental Microbiology, Microbial Systems Ecology group	Switzerland
46. <b>ROAA MOHMED YAGB OMER -</b>	(In Pers.)	Unity College	the Republic of Sudan
47. <b>SELMA Assal</b>	(In Pers.)	University of Trieste-Italy Industrial and information engineering department	Italy
48. <b>SHOEMAKER Randolph William</b>	(In Pers.)	The Garud Lab, Department of Ecology and Evolutionary Biology, University of California, Los Angeles	United States of America
49. <b>SPACAPAN Mihael</b>	(In Pers.)	International Center for Genetic Engineering and Biotechnology, Bacteriology lab, Padriciano 99, Trieste, Italy.	Italy
50. <b>TSHINSELE-VAN BELLINGEN Gatwa</b>	(In Pers.)	Microbial Systems Ecology Group Institute of Biogeochemistry and Pollutant Dynamics, Department of Environmental Systems Sciences, ETH Zurich, 8006, Zurich, Switzerland Department of Environmental Microbiology, Eawag: Swiss Federal Institute of Aquatic Sciences, 8600, Duebendorf, Switzerland	Switzerland
51. <b>VAIDYANATHAN Abhishek</b>	(In Pers.)	Humanitas University	Italy
52. <b>VARESCHI Silvia</b>	(In Pers.)	Friedrich Schiller University Jena, Faculty of Biology, Institute of Microbiology, Theoretical microbial ecology group (PI: Rosalind J. Allen)	Germany
53. <b>VIEBBA Valerio</b>	(In Pers.)	University of Trieste Department of Medical, Surgical and Health Sciences SSD of Advanced Translational Microbiology	Italy
54. <b>ZHOU Xiaotian</b>	(In Pers.)	Quantitive Life Sciences, the Abdus Salam International Centre for Theoretical Physics	Italy