





SEPTEMBER 12-13, 2019

Ca' Bottacin Dorsoduro 3911, Calle Crosera 30123 Venice, Italy





DAY 1

September 12

10:00-10:15 **MICHELE BUGLIESI**

Rector Ca' Foscari University of Venice

Welcome and Opening

10:15-10:45 NORMAN PACKARD, RUDOLF MARCEL FUCHSLIN

ECLT Co-Directors

ECLT yesterday, today, tomorrow

10:45-11:00 ACHILLE GIACOMETTI

ECLT local Director

New initiatives within ECLT

11:00–11:30 ROUND TABLE PRESENTATION AND FEEDBACKS FROM THE MEMBERS





September 12

11:30-11:50 LUC STEELS

Institute for Advanced Studies (ICREA), IBE (UPF/CSIC) Barcelona, ECLT Fellow

Can Al become a 'living' technology?

11:50-12:10 HAROLD FELLERMANN

Interdisciplinary Computing and Complex Biosystems Research group, School of Computing, Newcastle University, ECLT Fellow

The future perspectives in Artificial Life

12:10-13:40 LUNCH BREAK

13:40-14:00 **DORON LANCET**

Weizmann Institute of Science, ECLT Representative Member

Life began with catalytic reproducing micelles

14:00-14:20 JOHN MCCASKILL

Professor (Theoretical Biochemistry), Multidisciplinary Research Consultant, ECLT Fellow

Integrated living technology: electronic and molecular integration towards hereditary cell-sized robotic systems





14:20-14:40 GUIDO CALDARELLI

IMT School for Advanced Studies Lucca, ECLT Fellow

Complex Networks

14:40-15:00 **DENISE PUMAIN**

University Paris I Panthéon-Sorbonne, CNRS UMR Géographie-cités, ECLT Fellow

Modelling urban evolutionary trajectories

15:00-15:20 **STEEN RASMUSSEN**

University of Southern Denmark, ECLT Representative Member

How Al and automation is transforming living technologies

15:20-15:40 **BEATRICE DE GELDER**

Brain and Emotion Laboratory at Maastricht University

A future for living Al: How to grow a body





15:40-16:10 **COFFEE BREAK**

16:10–16:40 POSSIBLE APPLICATIONS SUPPORTING THE ECLT NETWORKING ACTIVITIES

CA' FOSCARI INTERNATIONAL OFFICE

16:40–17:40 OPEN CALLS ON H2020 AND PERSPECTIVES ON HORIZON-EUROPE

CA' FOSCARI/ECLT RESEARCH OFFICE

17:40-18:10 WRAP-UP AND AGENDA FOR THE 13TH

ECLT DIRECTORS

19:00-22:00 **SOCIAL DINNER**





DAY 2

September 13

10:00-10:30 SERENA PANIGHELLO

Stevanato Group

The view point of Companies

10:30-11:00 ANDREA CASTELLIN

Brentapharm

The view point of Companies

11:00-12:00 ELECTION OF NEW SCIENCE BOARD

12:00-12:30 SMALL GROUP DISCUSSIONS

All participants

12:30-13:00 CONCLUSIONS AND PLANS FOR FUTURE ACTIVITIES

ECLT Directors