



MISSION
ACADEMIC BOARD
RESEARCH PROPOSALS
STUDENTS
ALUMNI
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CAREER OPPORTUNITIES
NEWS
PHD DAYS
PHD DAYS FOR COMPANIES
BEST DISSERTATION AWARD
CONTACTS

PHD DAY FOR COMPANIES 2020

PHD DAY 2020
FOR COMPANIES

POLITECNICO DI TORINO
Department of Control and Computer Engineering

November 17th, 2020 10:00AM – 1:00PM LIVE ON **zoom**

AGENDA

Zoom link:

<https://zoom.us/j/99600973617?pwd=UTRCQU9pS3IrbzhKclhxM0JzRnU4dz09>

10am - Welcome (prof. Matteo Sonza Reorda, chair of the PhD program in Computer and Control Engineering)

10.05am - PhD Award ceremony (prof. Elena Baralis, Director of the Dept. of Control and Computer Engineering)

10.15am - Event opening (prof. Stefano Di Carlo, event chair)

10.20am - 13am - Discussion rooms with PhD students (details below)

13am - Closing

PARTICIPANTS

Cycle XXXIII

Elena Beretta

Supervisor:

Topic:

Juan Carlos De Martin

Etica del digitale

DAUIN PhD Day 2020: Elena Beretta

Zoom link:

<https://zoom.us/j/98760250477?pwd=Y2tBdW9UenJJYUVrdFpHTWhqL2wwUT09>

Email: elena.beretta@polito.it

Group webpage: <https://nexa.polito.it/>

Ludovica Bozzoli

Supervisor: Luca Sterpone

Topic: New Design Techniques of Dynamic Reconfigurable Architectures

DAUIN PhD Day 2020: Ludovica Bozzoli

Zoom link:

<https://zoom.us/j/92951042144?pwd=U29rVS9EcGIXL3hiMUhmRTk3akt6dz09>

Email: ludovica.bozzoli@polito.it

Group webpage: <http://www.cad.polito.it/>

Aleksa Damljanovic

Supervisor: Giovanni Squillero

Topic: Effective techniques for secure and reliable systems validation

DAUIN PhD Day 2020: Aleksa Damljanovic

Zoom link:

<https://us02web.zoom.us/j/82367013835?pwd=Rm93bkROV1BmeGtIdHBDOWFuUEFIdz09>

Email: aleksa.damljanovic@polito.it

Group webpage: <http://www.cad.polito.it>

Francesco De Pace

Supervisor: Andrea Sanna

Topic: Natural and multimodal interfaces for human-machine and human-robot interaction

DAUIN PhD Day 2020: Francesco De Pace

Zoom link:

<https://zoom.us/j/2499716483?pwd=UXlvT0Y2YkNHGJLUWxxb2xQa0p4QT09> (10.00-11.30)

Email: francesco.depace@polito.it

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Alessandro Farasin

Supervisor: Paolo Garza

Topic: Data Mining and Geospatial Data

DAUIN PhD Day 2020: Alessandro Farasin

Zoom link:

<https://zoom.us/j/9402003520?pwd=bDgwM0V6NElQK3JrRVBMaIA3U0UyUT09>

Email: alessandro.farasin@polito.it

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Andrea Floridia

Supervisor: Ernesto Sanchez

Topic: Self-test Mechanisms for Automotive Multi-Processor System-on-Chip

DAUIN PhD Day 2020: Andrea Floridia

Zoom link:

<https://zoom.us/j/92552479232?pwd=NE5seUdsNlpjTXd0Z2ZlZWZhIVUZrQT09>

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Mohammad Ghazi vakili

Supervisor:

Claudio Demartini

Topic:

Industry 4.0

DAUIN PhD Day 2020: Mohammad Ghazivakili



Zoom link:

<https://us02web.zoom.us/j/89749843103?pwd=SGcwL2RQUVYvKzFud1JnSUR0aUxldz09>

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Edoardo Giusto

Supervisor: Maurizio Rebaudengo

Topic: Sensor-based ICT Systems for Smart Societies

DAUIN PhD Day 2020: Edoardo Giusto



Zoom link:

<https://us02web.zoom.us/j/86575286575?pwd=dTFyMEIKc3lTVnNsODItUWJnT1Z4UT09>

Email: edoardo.giusto@polito.it

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Matteo Grimaldi

Supervisor: Enrico Macii

Topic: Optimization Methods and Tools for Near-Sensor Data-Analytics Accelerators

DAUIN PhD Day 2020: Matteo Grimaldi



Zoom link:

<https://us04web.zoom.us/j/76491527660?pwd=SIVUMjAyKzZ4MkdML3orSHc4L3BKdz09>

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Thomas Lange

Supervisor: Luca Sterpone

Topic: New reliable operation infrastructure for dynamic, high-dependability applications

DAUIN PhD Day 2020: Thomas Lange



Zoom link:

<https://zoom.us/j/99671030944?pwd=aTR5MmZCSnZNbFhvbUpYUnVKWDZKZz09>

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Marta Lovino

Supervisor: Enrico Macii, Elisa Ficarra

Topic: Algorithms for complex systems in the Life Sciences

DAUIN PhD Day 2020: Marta Lovino



Zoom link:

<https://us02web.zoom.us/j/89743289050?pwd=dlp6SVNIekIMUVZ2bDNLZ3UxS2FHQT09>

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Andrea Pasini

Supervisor: Elena Baralis

Topic: Exploiting Semantics to Enhance Deep Learning Models

DAUIN PhD Day 2020: Andrea Pasini



Zoom link:

<https://zoom.us/j/96504965768?pwd=WUFPME9sRG9nR3k5ZFJoRmhPQzRVZz09>

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Elia Pastor

Supervisor: Elena Baralis

Topic: Algorithms for Explainable Artificial Intelligence

DAUIN PhD Day 2020: Eliana Pastor



Zoom link:

<https://us02web.zoom.us/j/81290676680?pwd=am1KNXpTR0QxTlExYmtTT0xQVFc2QT09>

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Group webpage: <https://dbdmg.polito.it/wordpress/>

Davide Piumatti

Supervisor: Matteo Sonza Reorda

Topic: Reliability in Power Electronics

DAUIN PhD Day 2020: Davide Piumatti



Zoom link:

<https://us04web.zoom.us/j/76054774821?pwd=aHFFbnpTcmpRZmxxTjk0cXlId3YrUT09>

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Group webpage: <http://www.cad.polito.it/>

Francesco Ponzio

Supervisor: Enrico Macii, Elisa Ficarra

Topic: Pattern recognition and artificial intelligence techniques for biomolecular imaging

DAUIN PhD Day 2020: Francesco Ponzio

Zoom link:

<https://zoom.us/j/97062491940?pwd=Nnp0MXJUdjNUekVyZVJHZ0JXMjdSdz09>

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Group webpage: <https://eda.polito.it/>

Esteban Rodriguez

Supervisor: Matteo Sonza Reorda

Topic: New Techniques for On-line Testing and Fault Mitigation in GPUs

DAUIN PhD Day 2020: Josie Esteban Rodriguez Condia

Zoom link:

<https://zoom.us/j/96747539060?pwd=ZGtNYXhGSTVEQmE3bmY4N1BzY2hJdz09>

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Jacopo Sini

Supervisor: Massimo Violante

Topic: Novel validation techniques for autonomous vehicles

DAUIN PhD Day 2020: Jacopo Sini



Zoom link:

<https://zoom.us/j/99226908191?pwd=MEs1ZS9RS3pya09ZeWNBamxFL0dQUT09>

Email: jacopo.sini@polito.it

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Francesco Strada

Supervisor: Andrea Bottino

Topic: Improving the effectiveness of digital game-based learning

DAUIN PhD Day 2020: Francesco Strada



Zoom link:

<https://us02web.zoom.us/j/88177960454?pwd=eWJwY29tcW9CU1hRZUdBVlpXS0RTZz09>

Email: francesco.strada@polito.it

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Francesco Ventura

Supervisor: Tania Cerquitelli

Topic: Transparent Data Management and Analytics for science and society

DAUIN PhD Day 2020: Francesco Ventura



Zoom link:

<https://zoom.us/j/99185531123?pwd=ZThtWU43cFJOaVNBMGF0aktwdnBLZz09>

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Group webpage: <https://dbdmg.polito.it/>

Cycle XXXIV

Talal Almutaz Almansi Abdalla

Supervisor: Vito Cerone

Topic: Recursive algorithms for set-membership estimation with application to system identification and data-driven control

DAUIN PhD Day 2020: Talal Almutaz Almansi Abdalla



Zoom link:

<https://zoom.us/j/94126651146?pwd=Z2ViQ2N6RGxTdExkalk3M0FnZWxLQT09>

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Group webpage: [https://www.dauin.polito.it/research/research_groups/sic_sys ...](https://www.dauin.polito.it/research/research_groups/sic_sys...)

Sorath Asnani

Supervisor: Bartolomeo Montrucchio

Topic: Image processing for machine vision applications

DAUIN PhD Day 2020: Sorath Asnani



Zoom link:

<https://zoom.us/j/92010947757?pwd=MjFQTnI3cklEUm0zWnYyeHh5aS96dz09>

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Giuseppe Attanasio

Supervisor: Elena Baralis

Topic: Architectural inspection and application of deep sequence models

DAUIN PhD Day 2020: Giuseppe Attanasio



Zoom link:

<https://zoom.us/j/91296067912?pwd=WDRWdVF6NHpWbE5COUIycGgwVTd zdz09>

Email: giuseppe.attanasio@polito.it

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Group webpage: <https://dbdmg.polito.it/>

Luca Barbierato

Supervisor: Enrico Macii

Topic: Distributed software methods and platforms for modelling and co-simulation of multi-energy systems

DAUIN PhD Day 2020: Luca Barbierato

Zoom link:

<https://zoom.us/j/98384987905?pwd=RFIINWhKSUtbCbFdBYkVJSG5VeU1sZz09>

Email: luca.barbierato@polito.it

Group webpage: [Energy Center Lab, EDA Group](#)

Luisa Fernanda Barrera Leon

Supervisor: Fulvio Corno

Topic: Dynamic and Adaptive Information Visualization

DAUIN PhD Day 2020: Luisa Fernanda Barrera León

Zoom link:

<https://zoom.us/j/92463635046?pwd=M1o2WEZrc0cvaklXYjFHdIVzbnkV3UT09>

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Lorenzo Canale

Supervisor: Laura Farinetti

Topic: Advanced Techniques for Learning Analytics

DAUIN PhD Day 2020: Lorenzo Canale



Zoom link:

<https://zoom.us/j/96125173615?pwd=bW5DSnFMa29vSjBhYVVMSUtuOFhodz09>

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Antonio Cipolletta

Supervisor: Enrico Macii

Topic: Edge-Computing: HW-SW Co-Design and Optimization

DAUIN PhD Day 2020: Antonio Cipolletta



Zoom link:

<https://us02web.zoom.us/j/82994989398?pwd=UGlVSFJxanpNdG84T1lMUnZ4MWtrdz09>

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Group webpage: <https://eda.polito.it>

Elena Daraio

Supervisor: Silvia Chiusano

Topic: CityScience: Data science for smart cities

DAUIN PhD Day 2020: Elena Daraio

Zoom link:

<https://us02web.zoom.us/j/81217345092?pwd=SGp3dkEyNFdHSEVIT0RZalJkSXg3dz09>

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Sina Famouri

Supervisor: Fabrizio Lamberti

Topic: Machine learning and HMI methods for the analysis and interpretation of images and other multi-dimensional data

DAUIN PhD Day 2020: Sina Famouri

Zoom link:

<https://us04web.zoom.us/j/71194595910?pwd=SRiTkV0eDd6ZkFVTkwvVThSc3dtZz09>

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Lohic Fotio Tiotso

Supervisor: Enrico Masala

Topic: Optimizing perceptual quality prediction models for multimedia communication systems

DAUIN PhD Day 2020: Lohic Fotio Tiotso



Zoom link:

<https://zoom.us/j/92008945336?pwd=ak5WQUE4UDBJL3ZieVBxbFh0MENjZz09>

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Group webpage: <http://media.polito.it>

Eliana Giovannitti

Supervisor: Giovanni Squillero

Topic: Computational Intelligence Techniques for Automatic Controls

DAUIN PhD Day 2020: Eliana Giovannitti



Zoom link:

<https://zoom.us/j/96611991688?pwd=aTBkMEZzaWd3THcwQUIxRDhRS9uZz09>

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Group webpage: <http://www.cad.polito.it/>

Riccardo Giusti

Supervisor: Roberto Tadei

Topic: Optimization approaches to synchro-modal network problems

DAUIN PhD Day 2020: Riccardo Giusti



Zoom link:

<https://zoom.us/j/99267221501?pwd=a2NxTzMxMDF0TIROQkRiVHZJVkd2QT09>

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Group webpage: <http://www.orgroup.polito.it/>

Marco Iorio

Supervisor: Fulvio Risso

Topic: Service-oriented architectures and security in automotive environments

DAUIN PhD Day 2020: Marco Iorio



Zoom link:

<https://zoom.us/j/96100202539?pwd=RTNtZUxwK1J0OEZ6K05wVS9aNjk0UT09>

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Group webpage: <http://netgroup.polito.it/>

Moreno La Quatra

Supervisor: Luca Cagliero

Topic: Deep learning techniques for advanced multimedia understanding

DAUIN PhD Day 2020: Moreno La Quatra



Zoom link:

<https://zoom.us/j/95441688363?pwd=R2ZpTG1KeWJQS3E0M3RqRUNoUDlPdz09>

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Luca Mocerino

Supervisor: Enrico Macii

Topic: Near-Sensor Data-Analytics for Energy-Efficient Cyber-Physical-Systems

DAUIN PhD Day 2020: Luca Mocerino



Zoom link:

<https://us02web.zoom.us/j/86075772351?pwd=Z2p0OHlUTW1PaWUvOHloN0o5cGZsQT09>

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Group webpage: <https://eda.polito.it>

Marilisa Montemurro

Supervisor: Elisa Ficarra

Topic: Development of artificial intelligence and graph theory-based techniques to model cancer evolution

DAUIN PhD Day 2020: Marilisa Montemurro



Zoom link:

<https://zoom.us/j/97592877892?pwd=UEdZUE9DNnJZUytXVnVNVjBGVlp3QT09>

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Filippo Gabriele Praticò

Supervisor: Fabrizio Lamberti

Topic: Virtual, Augmented and Mixed Reality for Education and Training

DAUIN PhD Day 2020: Filippo Gabriele Praticò



Zoom link:

<https://us02web.zoom.us/j/88220196524?pwd=dVpBUEJvRWdldXYrYjRxWVJGcXJ2QT09>

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Mina Roohnavazfar

Supervisor: Roberto Tadei

Topic: Dynamic and Stochastic Routing Problems for Last-Mile Logistics

DAUIN PhD Day 2020: Mina Roohnavazfar



Zoom link:

<https://zoom.us/j/97164894422?pwd=cGIPVIZURWc5M2YyTzJ5Mm43SDk3Zz09>

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Annachiara Ruospo

Supervisor: Ernesto Sanchez

Topic: Reliability assessment of modern embedded devices

DAUIN PhD Day 2020: Annachiara Ruospo



Zoom link:

<https://zoom.us/j/92028840489?pwd=NHM4SUxGT1BTMG9UbUsvZzZYTWtWQT09>

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Alessio Sacco

Supervisor: Guido Marchetto

Topic: Quality and policy assurance in critical distributed systems

DAUIN PhD Day 2020: Alessio Sacco



Zoom link:

<https://slu.zoom.us/j/93700674207?pwd=N2RQeVIwazFmVUcwMmV0c2FVY1RpZz09>

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Group webpage: <http://netgroup.polito.it/>

Abdul Salam

Supervisor: Diego Regruto

Topic: Tecniche di ottimizzazione polinomiale per l'identificazione e il controllo robusto

DAUIN PhD Day 2020: Abdul Salam



Zoom link:

<https://us05web.zoom.us/j/87225490203?pwd=Sm84THVCMXpqazYrSTlnLzFUSFpvUT09>

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Qu Wei

Supervisor: Guido Perboli

Topic: Last-mile logistics optimization in the on-demand economy

DAUIN PhD Day 2020: Qu Wei



Zoom link:

<https://zoom.com.cn/j/9690997134?pwd=cGJBT0wzMCTmL09iQU5JcDVldmI4QT09>

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Weitao Yang

Supervisor: Luca Sterpone

Topic: Reliability Evaluation and Hardening of Nano-Scale System on chip

DAUIN PhD Day 2020: Weitao Yang



Zoom link:

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