

## Tutti i poster e tutti gli autori 30° ciclo corsi di dottorato



HR EXCELLENCE IN RESEARCH

### SCIENZE SOCIALI E UMANISTICHE SOCIAL SCIENCES AND HUMANITIES

#### CORSO DOTTORATO SCIENZE GIURIDICHE

BUSET GIACOMO

**La concessione in godimento a scopo traslativo**

CIMAROSTI ALIDA

**Ripensare al part time, ripensare il part time?  
Il lavoro a tempo parziale tra sfide demografiche  
e crisi economica**

DELLA TORRE JACOPO

**La giustizia negoziata in Europa**

MAGGIO IDA CARLA

**La connessione impropria e la tutela dei diritti  
individuali omogenei**

MARINO DENISE

**I confini del diritto**

URBAN FEDERICA

**Il potere discrezionale del giudice penale nella  
definizione della pena e gli automatismi sanzionatori**

#### CORSO DOTTORATO SCIENZE MANAGERIALI E ATTUARIALI

BELFANTI NICOLE

**Lean Management come cambiamento organizzativo:  
le persone contano**

CARZEDDA MATTEO

**Agrifood systems and sustainability:  
The role of Alternative Food Networks**

DAN NELU

**Sentence-based Topic Models Aspect Discovery  
and Latent Aspect Regression Rating**

SLONIMSKAYA ANASTASIYA

**Public-private partnership (PPP)  
in CIS countries – (hard) work in progress**

#### CORSO DOTTORATO STUDI LINGUISTICI E LETTERARI

GESIOT JACOPO

**Lelio Manfredi traduttore: la ricezione  
delle letterature iberiche nell'Italia del primo '500**

GIRO ALESSANDRA

**I personaggi migranti e la narrazione  
in prima persona nella letteratura italiana 2001-2014**

SIANO PAOLA

**Il carteggio Michele Barbi - Ernesto Giacomo Parodi  
(1895-1922). Personalità, studi e problemi  
verso la «Nuova Filologia»**

#### CORSO DOTTORATO STUDI STORICO ARTISTICI E AUDIOVISIVI

BONANOMI MATTEO MIRKO

**La decorazione pubblica in Italia  
tra Unità e Prima guerra mondiale**

DOTTO SIMONE

**Un moderno sentire. Culture dei media sonori  
nell'Italia tra le due guerre.**

PASCALE GUIDOTTI MAGNANI CATERINA

**I Guidotti tra arte e società a Bologna (XVI-XVIII secolo)**

PERIN CHIARA

**Realismo in Italia, 1944-1954**

SIARDI MASSIMO

**Nuove prospettive per il Digital Heritage italiano  
tra il 2010 e il 2015**

### SCIENZE DELLA VITA LIFE SCIENCES

#### CORSO DOTTORATO SCIENZE E BIOTECNOLOGIE AGRARIE

CAPPELLETTI MARTINA

**Development and assessment of plant protein  
hydrolysates as biopesticides against zucchini  
powdery mildew**

COLUSSI ALICE

**Salivary cortisol: a marker of the adaptive response  
of the dog to different environmental stimuli**

DE MORI GLORIA

**Fine physical mapping of a resistance region  
to Sharka (Plum Pox Virus) in apricot**

NARDIN TIZIANA

**Study of alpine herb alkaloid profiles and research  
of milk traceability markers by high resolution mass  
spectrometry**

NIKULINA ANNA

**Rumen utilization of urea-based feeds  
by in vitro studies**

POLANO CESARE

**Next-Generation-Sequencing Metagenomic Analysis  
of Phytopathogenic Prokaryotes**

RUOCCO SILVIA

**Improvement of chemical quality index  
of wines from interspecific hybrids**

TACOLI FEDERICO

**Grapevine pest management through natural  
compounds and agronomic practices**

**Lotta contro i fitofagi della vite con sostanze  
di origine naturale e pratiche agronomiche**

ZULIANI ANNA

**Il benessere della bovina da latte: un'opportunità  
per produttori e consumatori**

#### CORSO DOTTORATO SCIENZE BIOMEDICHE E BIOTECNOLOGICHE

BIASUTTI LEA

**Oxidative metabolism during wheelchair  
propulsion tests in patients with spinal cord injury:  
effects of lesion level**

CANTARUTTI CRISTINA

**Citrate-stabilized gold nanoparticles hinder  
fibrillogenesis of a pathological variant  
of  $\beta$ 2-microglobulin**

CUTANO VALENTINA

**Investigating the role of HDAC7 in the control of  
mammary gland morphogenesis and transformation**

DE ZUANI MARCO

**Mast cells during *Candida albicans* infections: new  
insights for an old player in fungal clearance**

DONGMO FOUUMTHUIM CEDRIX JURGAL

**Molecular dynamics simulations  
of  $\beta$ 2-microglobulin interaction  
with hydrophobic surfaces**

MALFATTI MATILDE CLARISSA

**Repair of modified ribonucleotides embedded in DNA**

MIGLIETTA GIULIA

**Development of anti-cancer therapies targeting RAS  
oncogene through non-canonical RNA structures.**

### TECNICO SCIENTIFICA PHYSICAL SCIENCES AND ENGINEERING

#### CORSO DOTTORATO INFORMATICA E SCIENZE MATEMATICHE E FISICHE

ANTICOLI LINDA

**Entangle: from Quantum Programming  
to Quantum Model Checking**

BASALDELLA MARCO

**Extracting (key)technical terms from scientific  
documents**

LIESSI DAVIDE

**Pseudospectral methods for the stability  
of linear periodic delay models**

PERESANO MICHELE

**Very high zenith angle observations  
of the Crab Nebula with MAGIC telescopes**

SILVETTI SIMONE

**Verification and Validation of Complex Systems**

SOVRANO ELISA

**Multiplicity of positive solutions  
for indefinite Neumann problems**

#### CORSO DOTTORATO INGEGNERIA INDUSTRIALE E DELL'INFORMAZIONE

ARRIGONI FEDERICA

**Synchronization of Multiple Views**

BADAMI OVES

**Numerical Modeling of Multigate nano-FETs**

BANDIZIOL ANDREA

**Design of an interface for high-speed serial links  
in automotive micro-controller**

CITOSI MARCO

**Biomass Characterization for Solar Pyrolysis**

GANIS ALEXANDER RUDOLF

**Architectures and Algorithms for the Signal  
Processing of Advanced MIMO RADAR Systems**

KAPIDANI BERNARD

**Explicit Time-Domain Full Maxwell Solvers  
over Tetrahedral Grids**

KRAS ALEKSANDER

**Flywheel Inertial Transducer For Energy Harvesting  
And Vibration Control**

PESSOT ELENA

**La Valutazione della Complessità  
nei Progetti e l'Influenza sull'Apprendimento**

TURCO EMANUELE

**Noise and vibration control of cylindrical structures  
with tuneable vibration absorbers**

VACI LUBOS

**Context-Based Goal-Driven Reasoning for Improved  
Target Tracking**

YAKUSHEVA NADEZDA

**An ADAS Design Based on IoT V2X Communications**

ZIENTEK MICHAL WLADISLAW

**Metamaterial panel with piezoelectric patches  
connected to multi-resonant electrical shunts**

#### CORSO DOTTORATO SCIENZE DELL'INGEGNERIA ENERGETICA E AMBIENTALE

AHMADI SOMAYEH

**Wall transform mechanism in a viscosity stratified  
turbulent flow**

GAGLIARDI ANDREA

**Structured Approach to the Failure Analysis**

MASSOLINO GIULIA

**Methodological proposal for the preliminary dynamic  
assessment of soil-structure interaction on energy  
production and distribution facilities through ambient  
vibration tests**

PAGNACCO FABIO

**Analisi delle prestazioni termiche  
in sistemi di raffreddamento avanzati  
di palette di turbine a gas**

ROCCON ALESSIO

**Coalescence & breakage of drops in turbulence**

SUZZI NICOLA

**Numerical Simulation of Thin Film Breakup  
on Non-wettable surfaces**

TOSO ALESSANDRA

**Pd/CeO<sub>2</sub> based catalysts: resistant materials  
for methane emissions abatement from NGVs**

VECLANI DANIELE

**Nano Strutture per Macro Problemi: Nano-Tubi  
di Carbonio per la Rimozione di Antibiotici**



UNIVERSITÀ  
DEGLI STUDI  
DI UDINE

hic sunt futura



Centro di Ricerca e di Trasferimento Tecnologico



## Corso di dottorato in Ingegneria industriale e dell'informazione



HR EXCELLENCE IN RESEARCH

### 31° e 32° ciclo

#### 31° CICLO

**BORGHELLO GIULIO**  
**Reliability of nanoscale devices  
in extreme radiation environments**

**COSSETTINI ANDREA**  
**Viruses and Particles Detection  
with Nanoelectrode Array Platforms**

**DAL BO LORIS**  
**Electromagnetic and piezoelectric  
seismic vibration energy harvesters**

**DE ZANET DENISE**  
**Structural and functional blood characterization  
through electrical impedance sensing  
and optical signals analysis**

**MASET ELEONORA**  
**Multi-view matching**

**OCELLO ELISABETTA**  
**LEAN HEALTHCARE: evaluating functional  
and technical outcomes from both physicians'  
and patients' perspective**

**PINAROLI GIOVANNI**  
**Development and characterization  
of a Soft X-Rays Imager Detector for FEL**

**RIZZOLATTI ROBERTO**  
**High voltage distribution system in data-center**

**ROLLO TOMMASO**  
**Kirchhoff's Laws and Energy Minimization in NCFETs**

**SCALERA LORENZO**  
**Dynamic modeling and simulation  
of flexible multibody systems**

**VAGLIO EMANUELE**  
**Optimization of Selective Laser Melting  
process parameter**

#### 32° CICLO

**BATTISTELLA NICOLA**  
**Multivariable modelling of the dynamic response  
of professional washing machines**

**LI WAN**  
**The European Monitor of Reshoring & The Drivers  
of Reshoring Strategy**

**MOLINARO MARGHERITA**  
**Managing the evolutionary path in Sales  
and Operations Planning**

**NASEER MUHAMMAD**  
**Statistical fluctuation Effects  
on Nano Electronic Bio-Sensors**

**PASCOLO FILIPPO**  
**FPGAs for real time particle trajectory reconstruction  
in the ATLAS experiment at the LHC**

**PASSAROTTO MAURO**  
**Iterative solution of eddy current problems  
on polyhedral meshes**

**PIN ALESSANDRO**  
**Positioning using LTE signals**

**PIRAS ALESSANDRO**  
**Processing of bio-signals for biomedical applications  
and psycho-physical state analysis**

**SCALZO FEDERICO**  
**Optimization of components designed for AM,  
simulation and monitoring of SLM process**

**STACCHI FRANCESCO**  
**A new model for the simulation  
of a cable-in-conduit cabling procedure**

**URSINO MARIO**  
**Parallel resonant high-power-density converters  
for data center and mobile applications**

