

Welcome to the NSD2019 Conference



IV International Conference on
Nuclear Structure and Dynamics • NSD2019



The spirit of the conference

The conference is devoted to the most recent experimental and theoretical advances in the field of nuclear structure and reactions, with the aim to provide a broad discussion forum that will promote exchange of ideas and collaborations

Topics

Nuclear structure and reactions far from stability

Collective phenomena and symmetries

Dynamics and thermodynamics of light and heavy nuclei

Sub- and near-barrier reactions

Fusion and fission dynamics

Ab initio calculations, cluster models and shell model

Nuclear energy density functionals

Nuclear astrophysics

Fundamental interactions

NUCLEAR STRUCTURE AND DYNAMICS

DUBROVNIK, CROATIA
May 04-08 2009

www.phy.hr/~dubrovnik09/

TOPICS:

- * Nuclear structure and reactions far from stability
- * Exotic modes of excitation and decays
- * Collective phenomena and symmetries
- * Ab initio, cluster model, and shell-model approaches
- * Nuclear energy density functionals
- * Heavy-ion reactions at near-barrier energies
- * Dynamics of light-ion reactions
- * Nuclear reactions of astrophysical interest
- * Weak-interaction processes

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Ruder Bošković Institute
Zagreb

Previous NSD conferences

NUCLEAR STRUCTURE AND DYNAMICS

July 09-13 2012 Opatija, Croatia <http://www.phy.pmf.unizg.hr/~nsd2012/>

Topics

- * Nuclear structure and reactions far from stability
- * Collective phenomena and symmetries
- * Reaction dynamics of light and heavy ions
- * Sub- and near-barrier reactions
- * Ab initio calculations, cluster models, and shell-model
- * Nuclear energy density functionals
- * Nuclear astrophysics
- * Fundamental symmetries and interactions

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NUCLEAR STRUCTURE AND DYNAMICS

June 14th-19th, 2015 Portorož, Slovenia

TOPICS

- * Physics with the new RIB facilities
- * Sub- and near-barrier reactions
- * Nuclear structure and reactions far from stability
- * Collective phenomena and symmetries
- * Reaction dynamics of light and heavy ions
- * Ab initio calculations, cluster models, and shell-model
- * Nuclear energy density functionals
- * Nuclear astrophysics
- * Fundamental symmetries and interactions

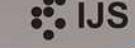
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ORGANIZED BY

<http://ol.ijs.si/nsd2015>

photo: U. Trnkoczy, source: www.slovenia.info

An "Adriatic" conference



An "Adriatic" conference



The fourth NSD edition



NSD2019 • IV International Conference on Nuclear Structure and Dynamics
13-17 May, 2019 - Venice, Italy
Centro culturale Don Orione Artigianelli

Topics

- Nuclear structure and reactions far from stability
- Collective phenomena and symmetries
- Dynamics and thermodynamics of light and heavy nuclei
- Sub- and near-barrier reactions
- Fusion and Fission dynamics
- Ab-initio calculations, cluster models and shell model
- Nuclear energy density functionals
- Nuclear astrophysics
- Fundamental interactions

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Abstracts

**We received 200 abstracts, of very high quality, therefore
their selection was a quite difficult task**

**With 3 parallel sessions in 2 afternoons, we fixed
25 sessions, accomodating**

**30 invited talks
60 regular talks**

**We also selected posters and 34 will be presented.
The 3 best (voted) ones will be also discussed as short
talks on Friday afternoon**

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- | | |
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The scientific program

	MORNING	AFTERNOON
MON 13	AULA MAGNA	AULA MAGNA
TUE 14	AULA MAGNA	AULA MAGNA, SALA GOLDONI, SALA VIVALDI (PARALLEL SESSIONS) SALA PALLADIO (POSTER SESSION)
WED 15	AULA MAGNA	
THU 16	AULA MAGNA	AULA MAGNA, SALA GOLDONI, SALA VIVALDI (PARALLEL SESSIONS)
FRI 17	AULA MAGNA	AULA MAGNA POSTER WINNERS SUMMARY TALK



Rooms

Aula Magna: plenary sessions

Sala Goldoni (1st floor):
connected to Aula Magna by
live streaming

Sala Goldoni (1st floor) and Sala Vivaldi: PARALLEL SESSIONS

Sala Palladio: poster session

Social events



Tuesday 14

**17.40 Poster session with
wine&cheese**

19.30 Concert



Wednesday 15

14.30 Conference tour



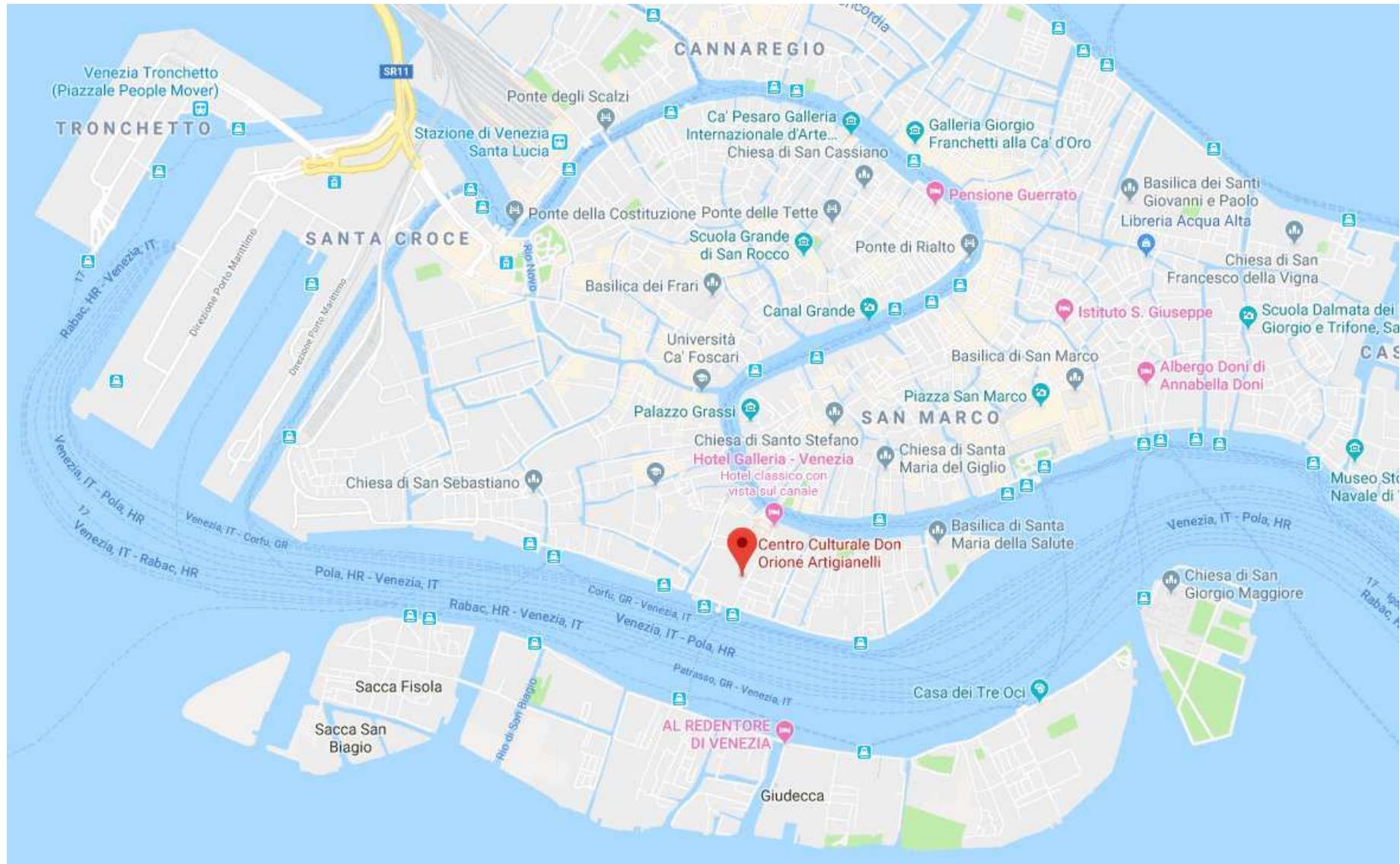
Thursday 16

20.00 Conference dinner

A cultural excursus

(to be continued by Giacomo....)

Where we are





Church and
“Squero”
San Trovaso



Piangete, donne, e con voi pianga Amore,
poi che non piange lui, che m'ha ferita
sì, che l'alma farà tosto partita
da questo corpo tormentato fuore.

E, se mai da pietoso e gentil core
l'estrema voce altrui fu essaudita,
dapo ch'io sarò morta e sepelita,
scrivete la cagion del mio dolore:

«Per amar molto ed esser poco amata
visse e morì infelice, ed or qui giace
la più fidel amante che sia stata.

Pregale, viator, riposo e pace,
ed impara da lei, sì mal trattata,
a non seguir un cor crudo e fugace»

Gaspara Stampa
1523-1554



Sestiere di Dorsoduro



House of Othello, the moor of Venice

Where we are



1423 a Gesuati's monastery, lay brothers looking after the sick; **end of the fifteenth century** construction of the church of "**St. Mary of the Visitation**". **1669**, purchased by the Dominican Fathers, who erected the new church of "Santa Maria del Rosario" under the direction of the architect Giorgio Massari. **1810** Napoleon issued a decree for the dissolution of the religious order and confiscated the goods. **1815 to 1850** an orphanage. **1851 to 1866** entrusted to the Somaschi Fathers from San Girolamo. **1867** purchased by the Congregation of Charity. **1923 Don Orione**

St. Mary of the Visitation



Giovanni Cariani, Fuipiano al Brembo 1485, Venezia 1547

Mary visits her relative Elizabeth; they are both pregnant: Mary with Jesus, and Elizabeth with John the Baptist. Mary left Nazareth immediately after the Annunciation and went "into the hill country...into a city of Judah" (Luke 1:39) to attend to her cousin (Luke 1:36) Elizabeth.

This week



BIENNALE ARTE
2019

La Biennale di Venezia
Arte
Architettura
Cinema
Danza
Musica
Teatro
Archivio Storico

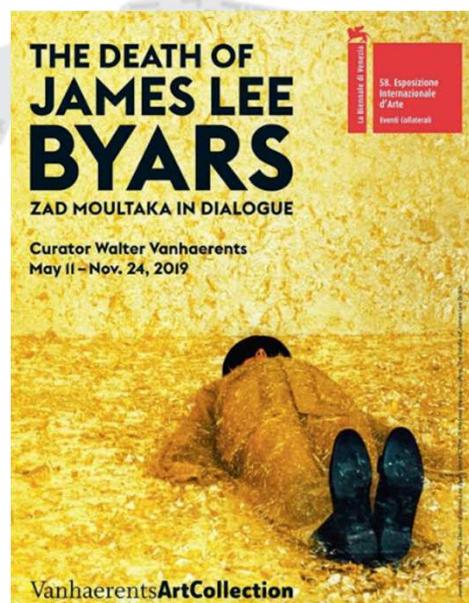
May You
Live In
Interesting
Times

11.05–24.11
VENEZIA
GIARDINI/ARSENALE

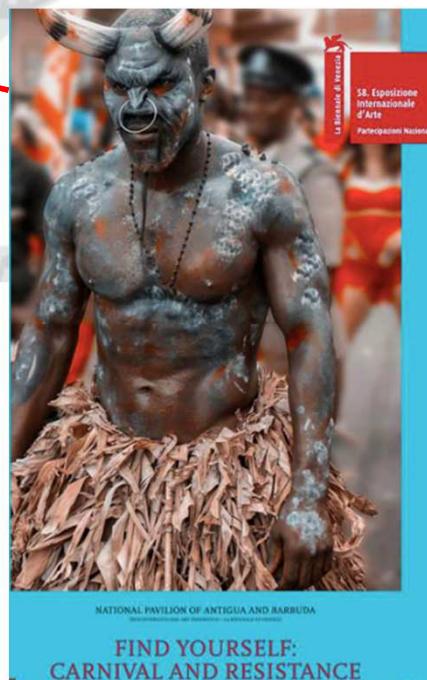
swatch+



BIENNALE ARTE



created in Brussels 25 years ago. In addition Zad Moulata's new creation that directly engages with Byars' work.



**FIND YOURSELF:
CARNIVAL AND
RESISTANCE**
**58 INTERNATIONAL
ART EXHIBITION
NATIONAL
PAVILION ANTIGUA
AND BARBUDA**

Building Bridges by Lorenzo Quinn



Interestingly



At some point, the

Assassin Leonius' remains were transported to a hidden tomb underneath the church,
and were later discovered by fellow Assassin Ezio Auditore da Firenze, who retrieved
Leonius' Assassin seal and returned it to the Sanctuary under Monteriggioni's Villa
Auditore; combined with the other five seals, this would later grant Ezio the Armor of
Altaïr.



Istituto Nazionale di Fisica Nucleare
Laboratori Nazionali di Legnaro (LNL)

May You live
In interesting times



We wish you a productive conference, and hope
you enjoy your time in Venice