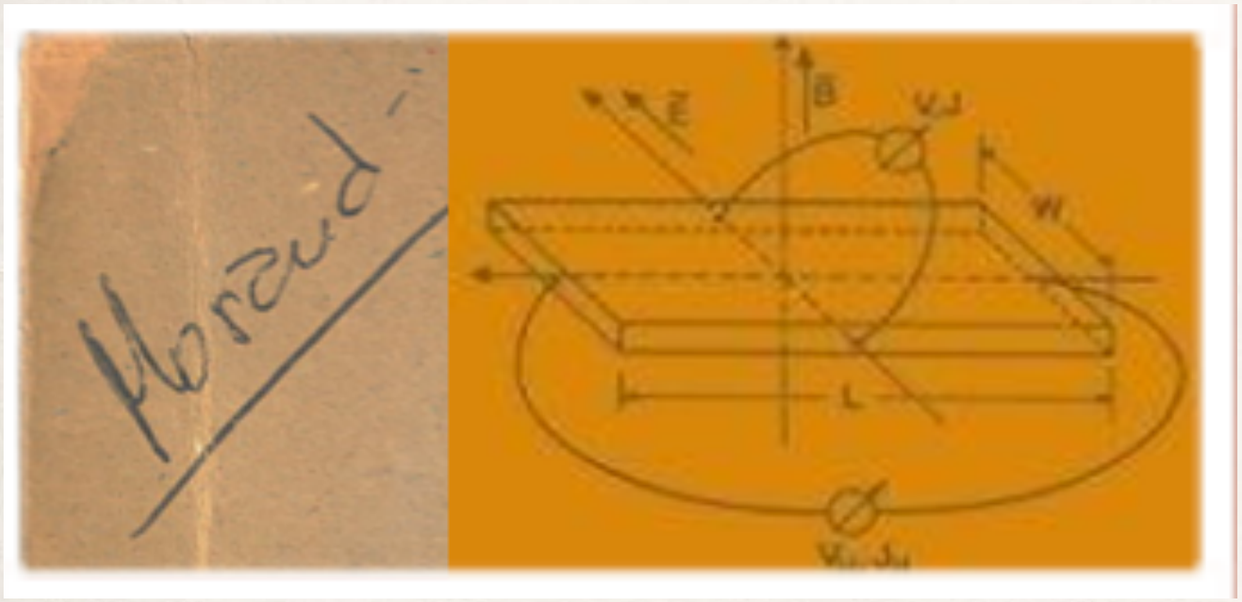
PHYSICS & GEOMETRY

Remembering Giuseppe Morandi



Bologna, University of Bologna

Dept. of Physics and Astronomy

November 24-25, 2017

ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DIPARTIMENTO DI FISICA E ASTRONOMIA

INFN
Istituto Nazionale
di Fisica Nucleare
Sezione di Bologna

	FRIDAY November 24	SATURDAY November 25
9.00	Openings - E. Ercolessi	M. Asorey
9.30	G. Marmo	D. Pastorello
10.00	J.F. Cariñena	M. Spera
10.30	A. Ibort	A. Marzuoli
11.00	COFFEE BREAK	COFFEE BREAK
11.30	G. Venturi - G. Fano	V. Moretti
12.00	G. Velo	P. Facchi
12.30	A. Montorsi	Closings
13.00	LUNCH	
14.00	A. Tagliacozzo	
14.30	P. Pieri	
15.00	L. Ferrari	
15.30	P. Naldesi	
16.00	COFFEE BREAK	
16.30	J. Clemente-Gallardo	
17.00	A. Zampini	
17.30	D. Vodola	
DIP. FISICA e ASTRONOMIA		Via Irnerio 46 - Aula A

- Elisa Ercolessi - *Remembering Giuseppe Morandi*
- Giuseppe Marmo - *From trajectories to vector fields and commutation relations. 45 years of collaboration with Giuseppe*
- José F. Cariñena - *Killling vector fields and quantisation of natural Hamiltonians*
- A. Ibort - *Geometry and spaces of classical probability states*
- Giovanni Venturi - *An amusing analogy between spontaneous symmetry breaking in inner and outer space*
- Guido Fano - *Un ricordo personale*
- Giorgio Velo - *Strichartz estimates for the Schroedinger equation*
- Arianna Montorsi - *Trivial and non trivial orders induced by interaction in low dimensional quantum systems*
- Arturo Tagliacozzo - *From Quantum Hall effect to Majorana Fermions in Condensed Matter*
- Pierbiagio Pieri - *Transition temperature of a superfluid Fermi gas throughout the BCS-BEC crossover*
- Loris Ferrari - *Vacuons and quasi-phonons. The hidden side of Bogolyubov theory*
- Jesús Clemente-Gallardo - *Geometric description of open quantum systems*
- Piero Naldesi - *Quantum simulation and many-body localization*
- Alessandro Zampini - *Examples of Hodge - de Rham Dirac operators on non commutative algebras*
- Davide Vodola - *Qubit Losses in Topological Color Codes*
- Manuel Asorey - *Bulk-edge dualities in topological matter*
- Davide Pastorello - *Geometry of quantum mechanics in complex projective spaces*
- Mauro Spera - *Remarks on Landau levels, braid groups and Laughlin wave functions*
- Annalisa Marzuoli - *Projective spin networks and their symmetries*
- Valter Moretti - *Why does relativistic quantum mechanics need complex Hilbert spaces?*
- Paolo Facchi - *Boundaries without boundaries*