



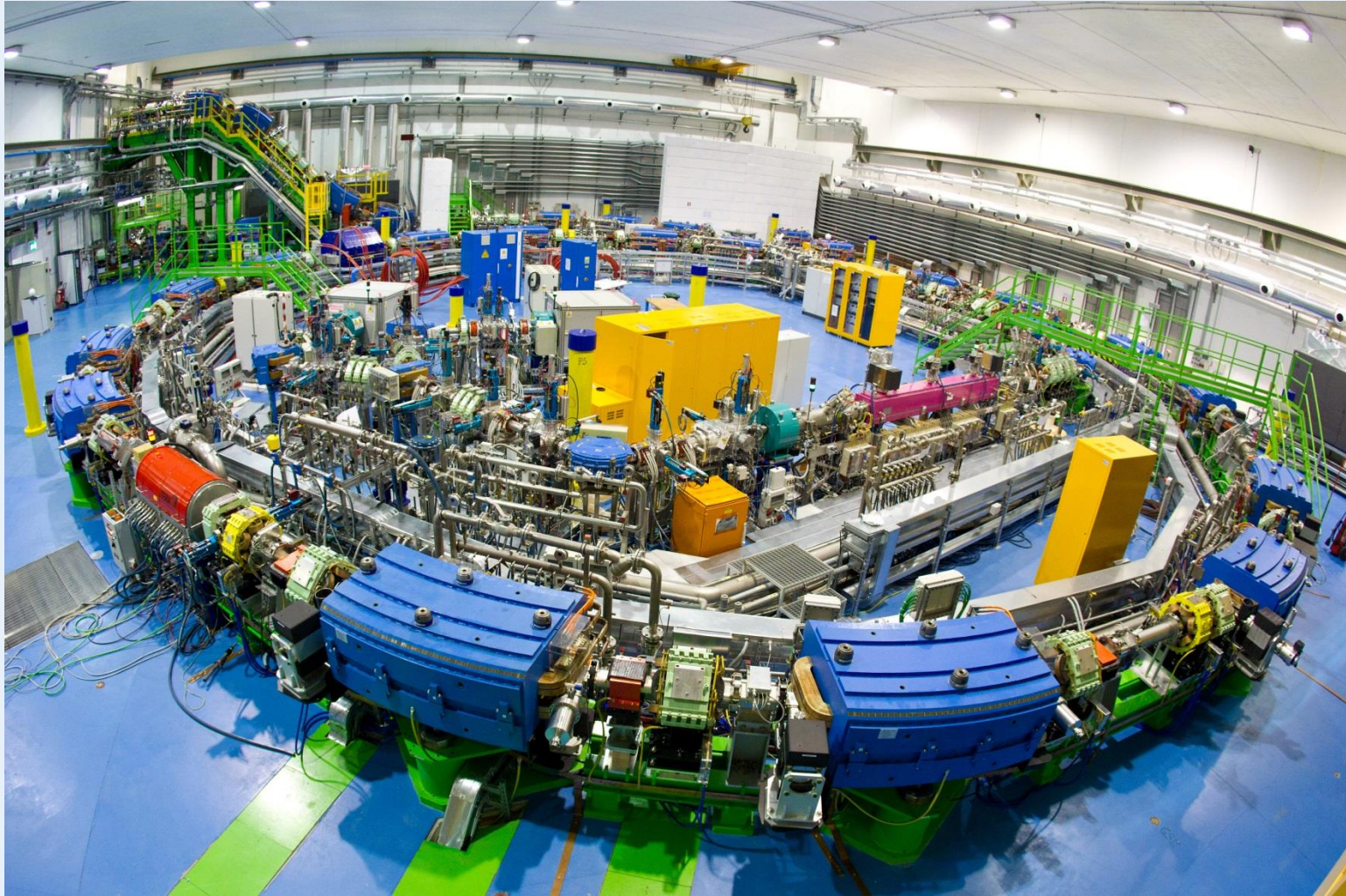
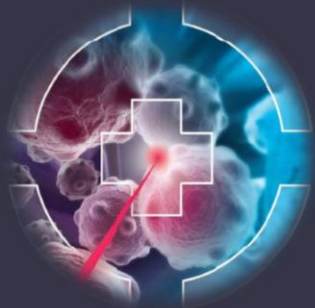
**WELCOME to
the OMA School
on Medical
Accelerators**

Monica Necchi
Fondazione CNAO



Welcome to the OMA School on Medical Accelerators

4 - 9 June 2017, CNAO, Pavia, Italy



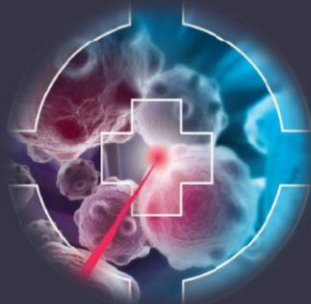
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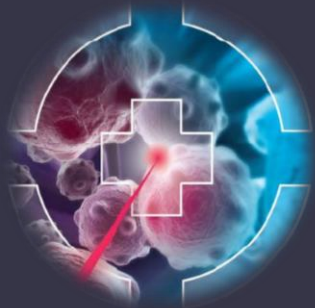
AGENDA



OMA School on Medical Accelerators. 5-9 June 2017, CNAO, Pavia, Italy					
	Monday 5 th June	Tuesday 6 th June	Wednesday 7 th June	Thursday 8 th June	Friday 9 th June
8:30 - 9:30	Welcome Sandro Rossi (CNAO) Admin/logistics Monica Necchi (CNAO) OMA – Introduction Magda Klimontowska (ULIV)	Ion Sources Gabriel Gaubert (PANTECHNIK)	Simulation Codes Sven Reiche (PSI)	Radiobiology Emanuele Scifoni (INFN)	Supervisory Board (SB) Annual Meeting – joint session with introduction to fellows
9:30 - 10:30	History of Medical Accelerators Tomas Vrba (CVUT)	Low Energy Beam Transport including the RFQ Simon Jolly (UCL)	Accelerator Control Systems Luigi Casalegno (CNAO)	Treatment Planning System Adam Aitkenhead (CHRISTIE)	CNAO – challenges and perspectives Sandro Rossi (CNAO)
COFFEE BREAK					
11:00 - 12:00	Introduction to Radiation Therapy Roberto Orecchia (CNAO)	Beam Manipulation Angeles Faus-Golfe (LAL-CNRS)	Beam Delivery System Oxana Actis (PSI)	Image-guided Radiotherapy Guido Baroni (CNAO)	Patient Imaging Georgios Dedes (LMU)
12:00 - 13:00	Beam Physics Fundamentals Javier Resta Lopez (ULIV)	Cyclotron Eric Forton (IBA)	Regulations governing the application of medical accelerators Marko Mehle (COSYLAB)	Study Session <i>split in 4 groups</i>	Industry talk: High-speed optical 3D surface scanning for medical use Roland Hoefling (VIALUX) Industry talk: Control systems Mark Plesko (COSYLAB) Industry talk Julien Smeets (IBA)
LUNCH					SCHOOL CONCLUSION 14.00 - DEPARTURE
14:30 - 15:30	Beam Diagnostics I Adam Jeff (A.D.A.M.)	Synchrotron Fadmar Osmic (MEDAUSTRON)	Lunch until 14.00 Afternoon: Hike in Casteggio with a guided tour of a vineyard (start between 15.00 – 15.30 – tbc on the day)	Poster session and industry display	OMA SC meeting (start at 15:00)
15:30 - 16:30	Beam Diagnostics II Ralph Fiorito (ULIV)	Study Session <i>split in 4 groups</i>		COFFEE BREAK	
COFFEE BREAK					
17:00 - 18:00	Q&A Guided by J.R.Lopez	Beam Extraction Adriano Garonna (TERA)		Seminar: New X-ray Sources and Approaches for Imaging during Therapy and Intervention Gil Travish (ADAPTIX)	OMA SC meeting
Evening	19:15 Dinner at CNAO	18:00 Adroterapia all'avanguardia al CNAO – public talk (slides in English) Marco Pullia (CNAO) 19:45 Dinner at Rosengarten	19:30 Dinner at Rosengarten	20:30 Formal dinner at Bardelli Restaurant	

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OVERVIEW OF ACTIVITIES - LECTURES in CNAO Conference Room, 2nd Floor

CNAO wi-fi password: CNAOGUEST10

Monday 5th June

8:30 – 18:00: School

18:00 – 19:00: MEDICIS– Promed public talk

Tuesday 6th June

8:30 – 18:00: School

18:00 – 19:00: OMA public talk

Wednesday 7th June

8:30 – 14.00: School

15:00 – 19.30 – trip outside the city (exact start time tbc)

Thursday 8th June

8:30 – 18.00: School

14.30 – 16.30 – Poster session and industry display

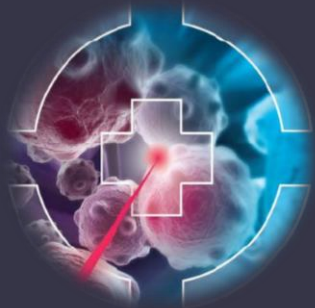
Friday 9th June

8:30: OMA Supervisory Board meeting

9:30 – 14:00: School



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OVERVIEW OF ACTIVITIES - LECTURES in CNAO Conference Room, 2nd Floor CNAO

Study Sessions: students split in 4 groups

Tuesday 6th June

15:30 – 16:30

Group 1: Meeting Room B, Second Floor

Group 2: Conference Room (bottom), Second Floor

Group 3: Conference Room (top), Second Floor

Group 4: Library, Second Floor

Thursday 8th June

12:00 – 13:00

Group 1: Meeting Room, First Floor

Group 2: Conference Room, Second Floor

Group 3: Meeting Room A, Second Floor

Group 4: Meeting Room B, Second Floor



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MEALS - Please note that lunches and dinners are provided from Monday to Thursday (no meals on Friday)

They have been booked according to your days of attendance indicated in the registration. Time and locations are included in the timetable and practical information.

The CNAO tour, welcome reception and social activity – hike are also part of the programme and included, again as per registration details.

Coffee Breaks: in the morning 10:30 – 11:00 and in the afternoon 16:30 – 17:00, Library Second Floor

Buffet lunches: 13:00 – 14:30, Library Second Floor

DINNERS

Monday: Buffet Dinner at CNAO, 19:15



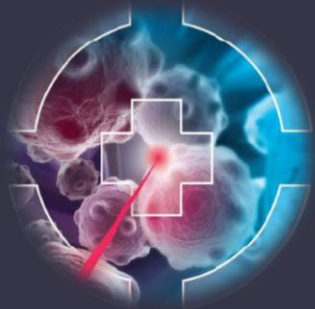
Tuesday: Dinner at Rosengarten Restaurant, 19:45

Wednesday: Dinner at Rosengarten Restaurant, 19:30

Thursday: Formal dinner at Bardelli Restaurant **dress code smart****, 20:30**



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fondazione **CNAO**
Centro Nazionale di Adroterapia Oncologica per il trattamento dei tumori

ACCOMMODATION FOR SCHOOL PARTICIPANTS INCLUDING OMA FELLOWS

Hotel Rosengarten

Via Cesare Lombroso 21-23
27100 Pavia, Italy
<http://rosengarten.pv.it/en/>

Accommodation with breakfast has been booked between Sunday 4th June and Friday 9th June (check-out) **for days indicated in the registration**. If staying outside of these dates delegates will have to make their own arrangements.

Check in from 12.00, check out until 11.00.

The hotel is located at a walking distance from Pavia Train Station and CNAO.

ACCOMMODATION FOR INVITED SPEAKERS AND OMA SUPERVISORY BOARD MEMBERS

Hotel Cascina Scova

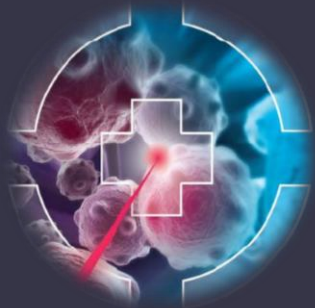
Via Vallone 18
27100 Pavia, Italy
<http://www.cascinascova.com/>

Accommodation with breakfast has been booked between Sunday 4th June and Friday 9th June (check-out) **for days indicated in the registration**. If staying outside of these dates delegates will have to make their own arrangements.

Check in from 14.00, check out until 11.00.

The hotel is reachable by public transportation from the city centre and CNAO. Organized transport between Cascina Scova and CNAO will be provided at fixed schedule during the school, please see details on the next page.

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TRANSPORT FOR DELEGATES STAYING IN CASCINA SCOVA HOTEL

Organized transport

Sunday 4th June:

21:00 from CNAO to Cascina Scova after the welcome reception

Monday 5th June:

8:10 from Cascina Scova to CNAO

20:45 from CNAO to Cascina Scova after dinner

Tuesday 6th June:

8:10 from Cascina Scova to CNAO

21:15 from Rosengarten to Cascina Scova after dinner

Wednesday 7th June:

8:10 from Cascina Scova to CNAO

14:00 from CNAO to Cascina Scova

between 15.15 – 15:45 (tbc) pick up from Cascina Scova for a trip

21:00 from Rosegarten to Cascina Scova after dinner

Thursday 8th June:

8:10 from Cascina Scova to CNAO

18:15 from CNAO to Cascina Scova after lectures

20:15 from Cascina Scova to Bardelli Restaurant for the formal dinner

around 23:00 – transport back to Cascina Scova after formal dinner

Friday 9th June:

8:10 from Cascina Scova to CNAO for OMA SB members only

9:10 from Cascina Scova to CNAO for other delegates

Public transport

Bus number 3 connects the hotel with the city centre, Pavia train station and CNAO.

The bus stop is located at 800 meters from the hotel. Link to bus schedule: <http://pavia.lineservizi.it/mappe-dettaglio-linea/?lid=p003>

The stop at the hotel when going to the direction of the city centre: CREMONA POLLAIOLI

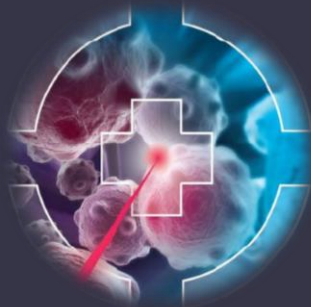
The stop at the hotel when arriving from the city centre: CREMONA FRANCANIA

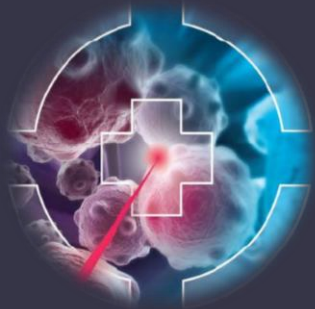
Train station: STAZIONE

CNAO: TAREMELLI AVIS

City centre: CASTELLO or STRADA NUOVA DEMETRIO

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SOCIAL ACTIVITY – WEDNESDAY 7TH JUNE, AFTERNOON

HIKE IN CASTEGGIO WITH A GUIDED TOUR OF A VINYARD

We will go outside the town to the hills of Casteggio.

We will start with a hike for about one hour and then stop for a guided tour of Prime Alture Wine Resort. It will be an easy walk, but comfortable shoes are recommended.

Transport:

The bus will depart from Rosengarten hotel between 15.00 – 15.30 (exact time tbc) and then pick up delegates from Cascina Scova. After the trip we will go directly to dinner at Rosengarten.



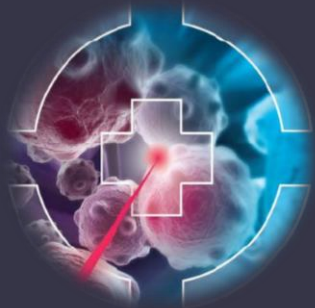
In case of an emergency:

Magda +44 75 82 97 30 82

Monica +39 340 31 96 744

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fondazione **CNAO**
Centro Nazionale di Adroterapia Oncologica per il trattamento dei tumori

POSTER SESSION - CNAO Conference Room, 2nd Floor and Left Corridor

Thursday 8th June:

14:30 – 16:30: Poster Session and industry display

Every ESR and School participant has the possibility to display and present a poster concerning his/her research activity

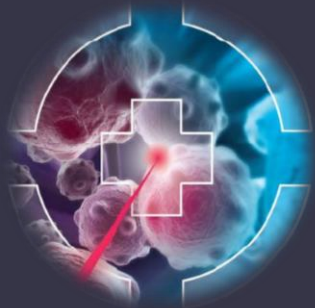


If someone has to print the poster, please send the ppt file to: monica.necchi@cnao.it

The poster will be ready in a couple of days

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OMA STEERING COMMITTEE MEETING – CNAO Meeting Room A, Second Floor

Thursday 8th June:

15:00 – 18:00: OMA Steering Committee Meeting



OMA SUPERVISORY BOARD ANNUAL MEETING

Friday 9th June:

8:30 – 9:30: OMA Supervisory Board Meeting: Joint Session with introduction to fellows. **CNAO Conference Room Second Floor**

9:30 – 10:30: OMA Supervisory Board Meeting. **CNAO Meeting Room First Floor**



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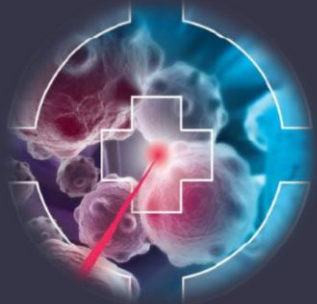
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MONDAY – FRIDAY, 8:00 – 21:00 PATIENT TREATMENTS AT CNAO

We are sure that you'll pay attention at the ground floor, where patients reception and waiting room are, in order not to disturb our patients. Left stairs to reach the second floor; all the other doors are locked, opening only by CNAO personnel with personal badges, for security reasons.



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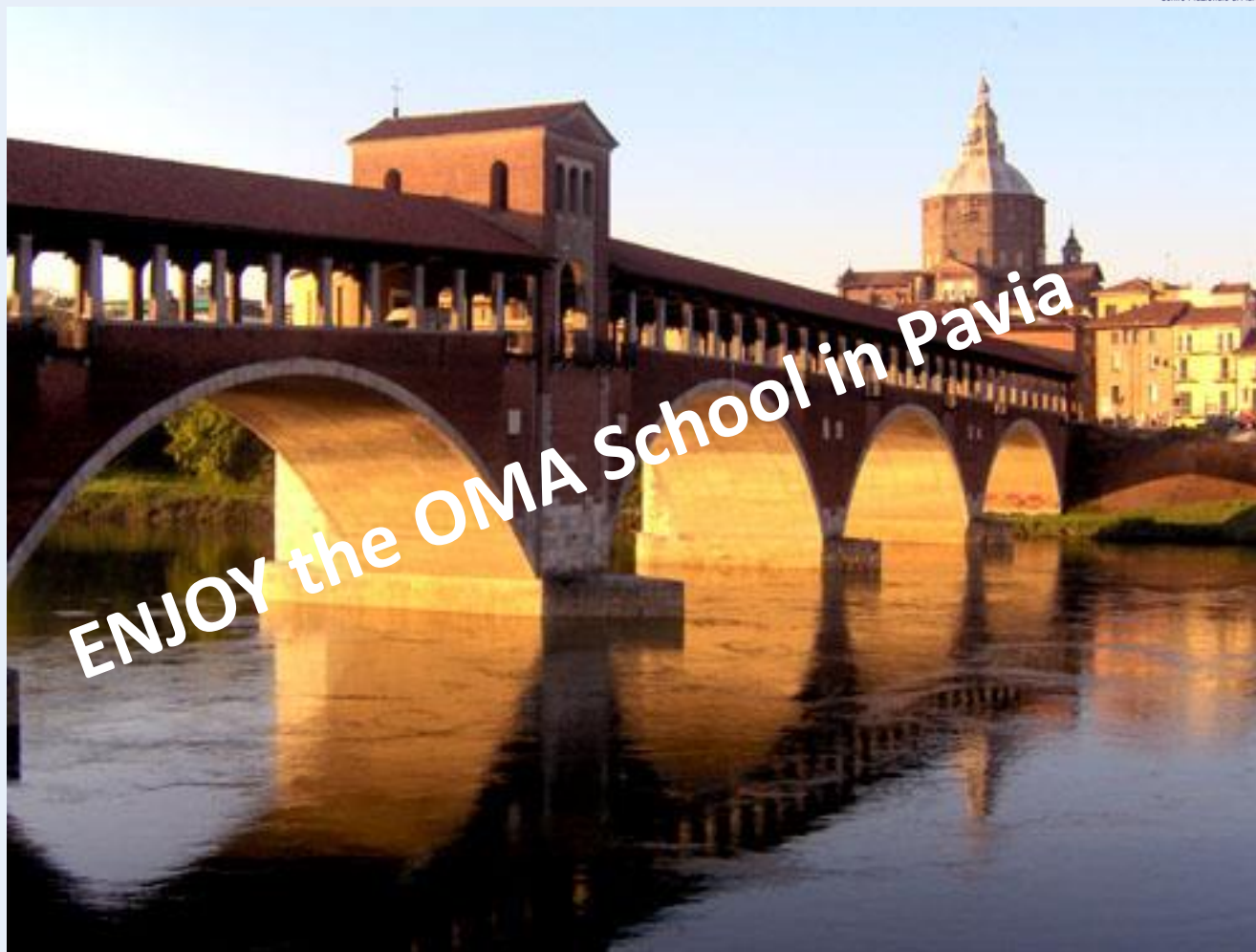
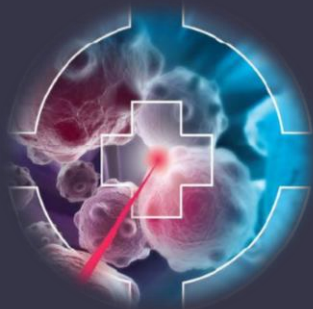


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ENJOY the OMA School in Pavia



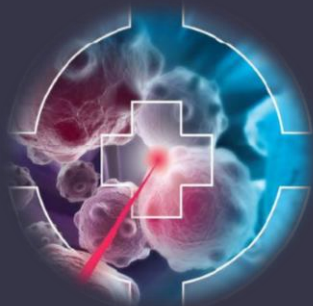
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