

Unit of Restorative and Endodontics  
Dir. Prof. Camillo D'Arcangelo  
Dept. of Medical, Oral and  
Biotechnological Science,  
University of Chieti



# 19<sup>th</sup> JAT

2022/2023

**ANATOMIC AND  
CHROMATIC RESTORATION  
OF NATURAL TOOTH  
FOLLOWING FIVE  
DIMENSIONS OF COLOR**

Lorenzo Vanini

**JULES ALLEMAND TROPHY  
INTERNATIONAL  
STUDENTS  
CHAMPIONSHIP**

Organized by





## UNIQUE WORLDWIDE INTERNATIONAL CONTEST

### FOR UNDER-GRADUATED STUDENTS

Proud to announce 19<sup>th</sup> JAT edition stating it's uniqueness worldwide leading to passion for conservative dentistry through knowledge and ethics, socializing with other persons you probably would never meet.

JAT allows to every participant to be a part of community recognizing "the good that is in us."

## JAT HISTORY:

### JAT in years

2003 1<sup>st</sup> edition JAT

- named by Jules Allemand Trophy, founder of Micerium company
- based on content: 5 Dimensions of color and anatomic stratification technique by Lorenzo Vanini

2005 Università degli studi "G. D'Annunzio" becomes official partner of JAT and starts to host JAT final international selection event as well as hosts stage.

2010 JAT has new partner: Semmelweis University Budapest, Hungary

2011 JAT joined by Italian universities

2014 JAT has new partner: Karlova University Prague, Czech Republic

2016 JAT starts to be organized by Insieme Academy, no profit organization.

2020 16<sup>th</sup> edition JAT continues to be in force with online sessions

2021 17<sup>th</sup> edition JAT continues to be in force with online sessions

2021 16<sup>th</sup> and 17<sup>th</sup> edition JAT International Selection is organized with great success and 4 winners selected

2022 New partner - University Warsaw

### JAT in numbers:

25 - European countries participating

96 - European universities participating

250 - tutors which are (or were) a part of JAT in 19 years

31000 - total number of students being part in 19 years

3.400 - students participating each year.



## MODULE 2

ANATOMIC  
STRATIFICATION  
TECHNIQUE

## ANTERIOR TOOTH BUILD UP

- ▶ Silicone matrix (key)
- ▶ Build up of palatal enamel wall (UE)
- ▶ Build up of dentine body with one/two chromaticities (UD)
- ▶ Characterization of incisal area (OBN) - optional
- ▶ Characterization of intensive white areas (IWS) - optional
- ▶ Build up of vestibular layer enamel (UE)
- ▶ Final: polymerization
- ▶ Finishing: macro and micro morphology (COSSHIN413, Burs)
- ▶ Polishing: diamond pastes COSSHIN4A 3 micron, COSSHIN4B 1 micron
- ▶ Final polishing: aluminium oxide paste COSSHIN4C

## ANATOMIC STRATIFICATION TECHNIQUE BY LORENZO VANINI



Clinical case by Lorenzo Vanini

## EVALUATION CHART

- ▶ Performance of silicone matrix
- ▶ Chromaticity reproduction
- ▶ Value determination
- ▶ Natural reproduction of opalescence and intensive
- ▶ Reproduction of internal macro morphology
- ▶ Reproduction of natural microtexture (micro morphology)
- ▶ Finishing and polishing of surface imitating the age

## MODULE 3

### BUILD UP POSTERIOR

#### POSTERIOR TOOTH BUILD UP

- ▶ Enamel walls build up (BF)
- ▶ Internal dentine body build up (BD)
- ▶ Occlusal enamel layer build up (BF)
- ▶ Mechanical finishing (BURS)
- ▶ Polishing with diamond pastes (COSSHIN4A, COSSHIN4B)
- ▶ Final polishing with aluminium oxide paste (COSSHIN4C)



Clinical case by Camillo D'Arcangelo

### EVALUATION CHART

- ▶ Colour analysis - chroma, value
- ▶ Reproduction of anatomy - orienting of cusps according to occlusal function
- ▶ Characterization, individualization
- ▶ Finishing and polishing of surfaces

## EVALUATION CHART

### CHART

- ▶ Colour analysis
- ▶ Chromatic chart filling

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

### ANTERIOR

- ▶ Performance of silicone matrix
- ▶ Chromaticity reproduction
- ▶ Value determination
- ▶ Natural reproduction of opalescence and intensive
- ▶ Reproduction of internal macro morphology
- ▶ Reproduction of natural microtexture (micro morphology)
- ▶ Finishing and polishing of surface imitating the age

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

### POSTERIOR

- ▶ Colour analysis - chroma, value
- ▶ Reproduction of anatomy - orienting of cusps according to occlusal function
- ▶ Characterization, individualization
- ▶ Finishing and polishing of surfaces

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

1\_  2\_  3\_  4\_  5\_

TOTAL \_\_\_\_\_

## UNIVERSITY

1. Establishment of the tutor responsible to organize the students working group at university (deadline 12<sup>th</sup> December 2022). WhatsApp group will be established for communication.
2. Participation of tutor on interactive zoom online meeting (dates will be announced).
3. Establishment of working group of students interested to participate (deadline 31<sup>st</sup> January 2023). On base of the number of students the materials for the practical sessions will be send.
4. April 2023 is dedicated to practical sessions organized at the universities with tutors with aim to select the students who will represent the university. Student can represent the university only once!

Due to growing number of universities interested to be a part, is necessary to define exact rules of participation with introduction of online sessions for tutors coaching.



## NATIONAL SELECTION FOR COUNTRIES WITH MORE THEN ONE UNIVERSITY

In cooperation with local center the national selection will be organized.

**National round date will be fixed during May 2023 month.**

Half day hands-on with the aim to select the representative of the country will be held.

Works will be evaluated by special team of experts.

Deadline to comunicate the selection is 29<sup>th</sup> May 2023.



## INTERNATIONAL SELECTION

Winners of the country will be invited to the international final selection

**10-12 September 2023**

Evaluation of works is handled by special experts team.

Informations related to this Special Day will be communicated on time.

Expenses of transport and accommodation will be covered by sponsor.





## WINNER'S AWARD



Selected winner will be admitted for **2 MONTHS STAGE** (period **FROM OCTOBER 2023 TO JUNE 2024** to be agreed) at University in Chieti, department of Oral Science, restorative Dentistry section, with Prof. Camillo D'Arcangelo and his team.

During the stage the participant will be a part of the university clinic organization, will have opportunity to participate at lessons, patients treatments and different kind of activities.

Accommodation in Pescara (15 km from University campus).

During the stage the participant will have the possibility to visit for 2 days laboratory of Daniele Rondoni in Savona.

Il vincitore italiano selezionato avrà diritto di passare 2 mesi di Stage presso l'Università di Varsavia, sotto la guida della Prof. Agnieszka Mielciarek ed il suo staff. Durante lo stage lo studente avrà l'opportunità di partecipare all'attività teoriche e pratiche del programma universitario, visitare diversi dipartimenti, incontrare gruppi di studenti stranieri, trattare i pazienti. Avrà a disposizione una sistemazione abitativa nelle vicinanze dell'università.

## AUTHOR OF THE BEST RESTORATION UNIVERSITY 2022/2023

**ANATOMIC AND CHROMATIC RESTORATION  
OF NATURAL TOOTH FOLLOWING  
FIVE DIMENSIONS OF COLOR**

**2022/2023  
AWARD**

Name and surname \_\_\_\_\_

Year of Course \_\_\_\_\_

Phone number \_\_\_\_\_ e-mail \_\_\_\_\_

University \_\_\_\_\_

Date \_\_\_\_\_

Signature of tutor \_\_\_\_\_

THIS FORM HAS TO BE SENT WITHIN 5<sup>th</sup> MAY 2023

**Jana Dostalova**

Jules Allemand Trophy

Tel. cellulare: +39 340 3086824

e-mail: jules.allemand.trophy@gmail.com



## AUTHOR OF THE BEST RESTORATION NATIONAL 2022/2023

**ANATOMIC AND CHROMATIC RESTORATION  
OF NATURAL TOOTH FOLLOWING  
FIVE DIMENSIONS OF COLOR**

**2022/2023  
AWARD**

Name and surname \_\_\_\_\_

Year of Course \_\_\_\_\_

Phone number \_\_\_\_\_ e-mail \_\_\_\_\_

University \_\_\_\_\_

Date \_\_\_\_\_

Signature of tutor \_\_\_\_\_

THIS FORM HAS TO BE SENT WITHIN 30<sup>th</sup> MAY 2023

**Jana Dostalova**

Jules Allemand Trophy

Tel. cellulare: +39 340 3086824

e-mail: jules.allemand.trophy@gmail.com



## DEADLINES

12 <sup>th</sup> December 2022	Tutor establishment
31 <sup>st</sup> January 2023	Students working group establishment
April 2023	Practical hands on organized by tutors for students at university

Student who represents university can be selected only once.

UNIVERSITY SELECTION	5 <sup>th</sup> May 2023
NATIONAL SELECTION	29 <sup>th</sup> May 2023
INTERNATIONAL SELECTION	10-12 September 2023



web

<https://insieme.academy/>



Seguici su

Facebook

Jules Allemand Trophy



e-mail

[Jules.allemand.trophy@gmail.com](mailto:Jules.allemand.trophy@gmail.com)



Jana Dostalova

Founder of Jules Allemand Trophy

## REVIEWS

*Jules Allemand Trophy broadened my career prospects enabling me to develop international relationships with colleagues throughout Europe.*

Maria, Lithuania

*Experience which positively influenced the beginning of my professional carrier.*

Giovanni, Italy

*Now I am using that knowledge in my everyday practice and share it with my students at the university.*

Karolina, Poland

*Influenced remarkably my professional life*

Davide, Italy

*JAT allowed my to grow professionally and humanly.*

Sebastian, Italy

*Skills I learned are equivalent or better then a postgrad course.*

Julie, France

*Amazing experience inspiring to share the knowledge and giving opportunity to learn from the best professionals around the world.*

Eris, Albania

# 19<sup>th</sup> JULES ALLEMAND TROPHY 2022/2023

## Main Partner



## Sponsor

