



INTERNATIONAL DIAMOND SCHOOL PROGRAM 2026

**BRESSANONE- BRIXEN, ITALY
JANUARY 26-31**

KEYNOTE SPEAKERS

**STEVE SHIREY•GRAHAM PEARSON•FABRIZIO NESTOLA•
LUÍSA DE CARVALHO•MIKE WALTER•EVAN SMITH•ROSS ANGEL•
SUZETTE TIMMERMAN•PIERRE CARTIGNY• KAREN SMIT•
ANDREA GIULIANI•FRANCESCA INNOCENZI•MAXWELL DAY•
SIMON KOHN•YAAKOV WEISS•JEFF HARRIS•ULRIKA D'HAENENS-JOHANSSON**

MONDAY JAN 26, 2026
EVENT PROGRAM

FABRIZIO NESTOLA WELCOME TO THE INTERNATIONAL DIAMOND SCHOOL	14:00
STEVE SHIREY WHAT'S NEW IN DIAMOND RESEARCH - THE LAST 3 YEARS	14:10
GRAHAM PEARSON CRATONS AND THEIR RELATIONSHIP TO DIAMONDS	14:50
LUÍSA DE CARVALHO LITHOSPHERIC DIAMONDS	15:30
COFFEE BREAK - HOTEL ELEPHANT	16:10-16:50
EVAN SMITH SUBLITHOSPHERIC DIAMONDS	17:00
MIKE WALTER PETROLOGY OF DIAMONDS	17:40
DINNER - HOTEL ELEPHANT	20:00

*MONDAY-TUESDAY TALKS ARE 40 MINUTES
(35-MINUTE ORAL PRESENTATION FOLLOWED BY A 5-MINUTE Q&A PERIOD)

BREAKFAST WILL BE SERVED AT THE **HOTEL ELEPHANT** BETWEEN 7:00-8:00
TUESDAY TO SATURDAY (JANUARY 27TH - 31ST)

SUZETTE TIMMERMAN GEOCHEMISTRY AND GEOCHRONOLOGY OF DIAMONDS	9:00
PIERRE CARTIGNY STABLE ISOTOPES IN DIAMOND	9:40
COFFEE BREAK - HOTEL ELEPHANT	10:20-11:00
ANDREA GIULIANI KIMBERLITES	11:10
FRANCESCA INNOCENZI LAMPROPHYRES AND LAMPROITES	11:50
LUNCH - HOTEL ELEPHANT	12:45-14:00
KAREN SMIT SPECTROSCOPY OF DIAMONDS	14:10
MAXWELL DAY THE TYPE CLASSIFICATION OF DIAMONDS	14:50
SIMON KOHN DIAMOND THERMOCHRONOMETRY USING FTIR	15:30
COFFEE BREAK - HOTEL ELEPHANT	16:10-16:50
YAAKOV WEISS DIAMOND-FORMING HIGH-DENSITY FLUIDS - THE NEXT FRONTIER	17:00
FABRIZIO NESTOLA MINERAL INCLUSIONS IN FIBROUS DIAMONDS	17:40
DINNER - HOTEL ELEPHANT	20:00

*MONDAY-TUESDAY TALKS ARE 40 MINUTES
(35-MINUTE ORAL PRESENTATION FOLLOWED BY A 5-MINUTE Q&A PERIOD)

WEDNESDAY JAN 28, 2026 EVENT PROGRAM

PRACTICAL SESSIONS (SEE PAGE #7 FOR GROUPS)

OBSERVING INCLUSIONS IN DIAMONDS USING OPTICAL MICROSCOPY: RED SESSION
INSTRUCTORS: JEFF HARRIS & SUZETTE TIMMERMAN (SPONSORED BY ZEISS)

MICRO-RAMAN SPECTROSCOPY OF INCLUSIONS IN DIAMONDS: PURPLE SESSION
INSTRUCTOR: EVAN SMITH & JAN TOPORSKY (SPONSORED BY OI WITEC)

FOURIER-TRANSFORM INFRARED SPECTROSCOPY OF DIAMONDS: GREEN SESSION
INSTRUCTORS: KAREN SMIT & MAXWELL DAY & DIEGO SALI (SPONSORED BY BRUKER)

ORIENTATION AND DIFFRACTION OF INCLUSIONS IN DIAMONDS: BLUE SESSION
INSTRUCTOR: ROSS ANGEL & FERNANDO CÁMARA (SPONSORED BY MADAM - ERC GRANT)

GROUP 1

RED SESSION	9:00-10:30
PURPLE SESSION	11:30-13:00
GREEN SESSION	15:00-16:30
BLUE SESSION	17:30-19:00

GROUP 2

PURPLE SESSION	9:00-10:30
GREEN SESSION	11:30-13:00
BLUE SESSION	15:00-16:30
RED SESSION	17:30-19:00

GROUP 3

GREEN SESSION	9:00-10:30
BLUE SESSION	11:30-13:00
RED SESSION	15:00-16:30
PURPLE SESSION	17:30-19:00

GROUP 4

BLUE SESSION	9:00-10:30
RED SESSION	11:30-13:00
PURPLE SESSION	15:00-16:30
GREEN SESSION	17:30-19:00

COFFEE BREAKS WILL BE HELD @ 10:30-11:15 & 16:30-17:15-HOTEL ELEPHANT

LUNCH @ 13:15-14:45 - HOTEL ELEPHANT

DINNER @ 20:00 - HOTEL ELEPHANT

THURSDAY JAN 29, 2026

EVENT PROGRAM

KEYNOTE SPEAKERS

JEFF HARRIS MATRYOSHKA DIAMONDS

8:45

ULRIKA D'HAENENS-JOHANSSON A STUDY OF THE WINSTON RED: THE SMITHSONIAN'S NEW FANCY RED DIAMOND

9:25

INVITED TALKS - 15 MIN/TALK

10:05-11:35

LOREDANA PROSPERI NATURAL AND SYNTHETIC COLOURLESS DIAMONDS: THEIR IDENTIFICATION BY GEMMOLOGISTS IN A GEMMOLOGICAL LABORATORY

INGRID CHINN DIAMOND RESEARCH - IMPERATIVE FOR THE INDUSTRY

NILS GIES SPECXY - AN OPEN-SOURCE TOOL FOR WORKING WITH SPATIAL SPECTROSCOPIC DATA

MARTHA PAMATO THE FORMATION AND EVOLUTION OF HYDROGEN DEFECTS IN DIAMONDS

MATTIA LA FORTEZZA DIFFUSION OF H AND HE IN DIAMOND AT SUB-LITHOSPHERIC MANTLE CONDITIONS: A FIRST-PRINCIPLES MOLECULAR DYNAMICS-BASED STUDY

MAURO PRENCIPE THE CARBON-HYDROGEN INTERACTION: AN AB INITIO ASSESSMENT

COFFEE BREAK - HOTEL ELEPHANT

11:35-12:05

ANDREA GIULIANI THE LARGEST DIAMONDS ARE HOSTED IN IRON-RICH SUBSTRATE ACCRETED AT THE BASE OF THE LITHOSPHERE

12:15-13:30

EVAN SMITH THE GEOGRAPHIC DISTRIBUTION OF CLIPPIR DIAMONDS

QIWEI ZHANG SUBLITHOSPHERIC DIAMOND CONSTRAINTS ON THE STATE OF DEEPLY SUBDUCTED SLABS

EDUARDO NOVAIS RODRIGUES CALCIUM-RICH ENVIRONMENTS IN THE DEEP MANTLE REVEALED BY INCLUSIONS IN SUPER-DEEP DIAMONDS

FERNANDA GERVASONI RECORDING MULTIPLE REDOX CONDITIONS IN A SINGLE DIAMOND FROM JUÍNA, BRAZIL

LUNCH - HOTEL ELEPHANT

13:40-14:55

FRANK BRENKER HIDDEN TREASURES AT THE NANO SCALE. TEM STUDIES OF DIAMONDS AND THEIR INCLUSIONS

15:05-17:20

SAMI MIKHAIL THE POWER OF FLUID METASOMATISM PRESERVED BY THE GEOCHEMISTRY OF SILICATES TRAPPED IN MANTLE DIAMONDS

DAVIDE NOVELLA THE H₂O CONTENT OF MINERAL INCLUSIONS IN DIAMONDS: IMPLICATIONS FOR DIAMOND-FORMING FLUIDS

NATHALIE BOLFAN-CASANOVA WATER STORAGE IN THE LOWER MANTLE

JESSY DOMINIQUE HOW DRY WAS ARCHEAN MANTLE LITHOSPHERE?

GARY FUNG INCLUSION PROPORTION IN LARGE (>4 CT) DIAMONDS AND OVERREPRESENTATION OF MG-CHROMITE

MARA MURRI OLIVINE IN DIAMOND: TOWARDS REAL ENTRAPMENT CONDITIONS

ODED NAVON NICKEL-RICH DIAMOND INCLUSIONS AND METASOMATIC REACTION IN THE DEEP UPPER MANTLE

MARCO BRUNO A CRITIQUE OF USING EPITAXIAL AND MORPHOLOGICAL CRITERIA TO DISCRIMINATE BETWEEN PROTOGENETIC AND SYNGENETIC MINERAL INCLUSIONS IN DIAMOND

DINNER - HOTEL ELEPHANT

20:00

INVITED TALKS - 15 MIN/TALK

8:45-10:30

STEVE SHIREY OCEANIC LITHOSPHERE CONTROLS ON DIAMOND FORMATION AND VOLATILE TRANSPORT IN THE MANTLE

TIAGO JALOWITZKI PRESERVATION OF ANCIENT SUBDUCTION-DERIVED NOBLE GASES IN THE LITHOSPHERIC MANTLE BENEATH THE SÃO FRANCISCO CRATON

JÖRG HERMANN FORMATION OF MICRO-DIAMOND ASSOCIATED WITH MELT INCLUSIONS IN GARNET IN DEEPLY SUBDUCTED FELSIC CRUST

YAAKOV WEISS RARE ARCHEAN DIAMOND FORMATION LINKED TO CALC-ALKALINE MAGMAS

MEGAN ATHEY DIAMOND CARBON AND NITROGEN ISOTOPIC RELATIONSHIPS AND EXTREMES FROM DAMTSHAA, BOTSWANA

PULENG NTHEBE THERMOCHEMICAL IMPACT OF TECTONIC PROCESSES ON THE LITHOSPHERIC MANTLE BENEATH THE SOUTH EASTERN MARGINS OF THE KAAPVAAL CRATON: USING MANTLE XENOLITHS FROM LESOTHO

KAREN SMIT CARBON AND NITROGEN ISOTOPIC COMPOSITIONS OF PLUME-RELATED DIAMONDS FROM VOORSPOED, CENTRAL KAAPVAAL CRATON

COFFEE BREAK - HOTEL ELEPHANT

10:30-11:10

ROGÉRIO AZZONE OLIVINE AND GARNET CONSTRAINTS ON MANTLE SIGNATURES AND DIAMOND POTENTIAL OF THE PÂNTANO AND CATALÃO KIMBERLITES, ALTO PARANAÍBA IGNEOUS PROVINCE (BRAZIL)

11:20-13:20

ALAN DAVIES DOES LENA WEST HAVE A "JUINA" KIMBERLITE FIELD?

MATTHEW HARDMAN NEW CONSTRAINTS ON DIAMONDS AND THE LITHOSPHERIC MANTLE STRUCTURE BENEATH THE PRAIRIE CREEK LAMPROITE, ARKANSAS, USA

GARETH DAVIES DIAMOND GROWTH AND DESTRUCTION CAUSED BY LARGE SCALE REJUVENATION OF LITHOSPHERIC MANTLE BENEATH JWANENG, BOTSWANA

YANA FEDORTCHOUK TWO STAGES OF MANTLE METASOMATISM RECORDED BY DIAMONDS INSIDE XENOLITHS

SONJA AULBACH RARE AND UNUSUAL MICROSTRUCTURES IN ECLOGITE XENOLITHS FROM THE DIAMONDIFEROUS BLAAUWBOSCH KIMBERLITE (BOSHOF AREA, KAAPVAAL CRATON)

ANNA BARBARO SHOCK NANOSTRUCTURES IN UREILITE DIAMONDS

OLIVER CHRIST LARGE DIAMONDS - NOT JUST A TERRESTRIAL PHENOMENON

KAI QU RECENT DISCOVERIES ON CHINESE LITHOSPHERIC DIAMONDS

LUNCH - HOTEL ELEPHANT

13:30-15:00

DINNER - HOTEL ELEPHANT

20:00

SATURDAY (JAN 31ST) - BREAKFAST AT HOTEL ELEPHANT

PRACTICAL SESSION GROUPS

GROUP 1	INGRID CHINN ELIZABETH WEST PULENG NTHEBE ROGÉRIO AZZONE ISABELLE DE CARVALHO VON RANDOW	LUÍSA DE CARVALHO YAAKOV WEISS JÖRG HERMANN NINGYUE SUN MEGAN ATHEY
GROUP 2	CLAUDIA FABIOLA BENVEGNÙ YANJUAN WANG MATTEO ARDIT EDUARDO NOVAIS RODRIGUES FRANCESCA INNOCENZI ULRIKA D'HAENEENS-JOHANSSON	MATTIA GILIO MATTIA LA FORTEZZA MARA MURRI KAI QU JESSY DOMINIQUE
GROUP 3	MONICA ODOLI FERNANDO CÁMARA GUY LALOUS ALAN DAVIES PIA ANTIGNANI FEDERICA SCHIAVI	GARY FUNG GARETH DAVIES DANIEL CEDEÑO ANDREA GIULIANI
GROUP 4	FERNANDA GERVASONI TIAGO JALOWITZIKI THOMAS BINDER NILS GIES CAROLE LACHAVANNE	MICHAEL MINTRONE YANA FEDORTCHOUK MAURO PRENCIPE SONJA AULBACH BRANISLAV ZIVKOVIC

EVENT LOCATIONS

INTERNATIONAL DIAMOND SCHOOL 2026
CASA DELLA GIOVENTÙ UNIVERSITARIA - UNIVERSITÀ
DI PADOVA, VIA RIO BIANCO, 12, BRESSANONE (BZ)

HOTEL ELEPHANT (1 MIN WALK TO DIAMOND SCHOOL)
VIA RIO BIANCO, 4, BRESSANONE (BZ)

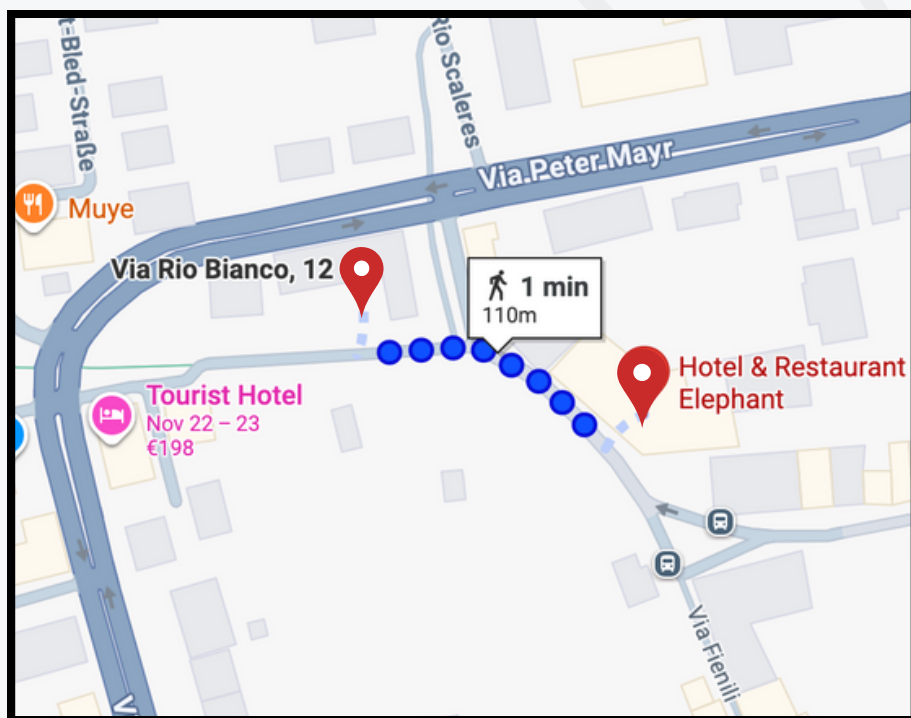
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ORGANIZING COMMITTEE

**FABRIZIO NESTOLA, MAXWELL DAY, FRANCESCA INNOCENZI,
MATTIA LA FORTEZZA, DAVIDE NOVELLA & MARTHA PAMATO
(UNIVERSITY OF PADOVA)**

GRAHAM PEARSON (UNIVERSITY OF ALBERTA)

**STEVE SHIREY & MICHAEL WALTER
(CARNEGIE INSTITUTION FOR SCIENCE)**

KAREN SMIT (UNIVERSITY OF WITWATERSRAND)

SUZETTE TIMMERMAN (UNIVERSITY OF BERN)

EVAN SMITH (GEMOLOGICAL INSTITUTE OF AMERICA)