

THE WE-HERAEUS INTERNATIONAL WINTER SCHOOL ON GRAVITY AND LIGHT

A FULL IMMERSION COURSE
FROM THE BASICS TO THE RESEARCH FRONTIER

14 - 28 FEBRUARY 2015
AT JOHANNES KEPLER UNIVERSITY, LINZ/AUSTRIA

YOUR BACKGROUND

STUDENT OF PHYSICS OR MATHEMATICS
ADVANCED UNDERGRAD * GRADUATE * BEGINNING POSTGRAD

YOUR LEARNING EXPERIENCE

CLEAR LECTURES BY EXPERTS
ONE COMPREHENSIVE 15-HOUR CENTRAL LECTURE COURSE
FOUR 3-HOUR SATELLITE LECTURE COURSES ON SPECIAL TOPICS
FOUR EVENING LECTURES POINTING TO FUTURE DEVELOPMENTS

INSTRUCTIVE TUTORIALS
PRACTICE SESSIONS SYNCHRONIZED WITH THE LECTURES
DESIGNED TO TEACH THOROUGH COMMAND OF THE MATERIAL

EXPLORATIVE WORKSHOPS
DEEP PENETRATION OF THEORETICAL CONCEPTS AND METHODS
BY EXPLORATION OF KEY APPLICATIONS IN SMALL STUDY TEAMS

YOUR TIME AT THE SCHOOL

A COMMUNITY OF DEDICATED TEACHERS

A WONDERFUL GROUP OF STUDENTS

EXCURSIONS AND LEISURE ACTIVITIES

CENTRAL LECTURE COURSE

FREDERIC P. SCHULLER
INSTITUTE FOR QUANTUM GRAVITY, ERLANGEN
THE MATHEMATICS AND PHYSICS OF
GENERAL RELATIVITY AND LIGHT

SATELLITE LECTURES

BERNARD F. SCHUTZ
DIRECTOR MAX PLANCK INSTITUTE FOR GRAVITATIONAL PHYSICS
GRAVITATIONAL WAVES

MARCUS C. WERNER
YUKAWA INSTITUTE JAPAN & CAMBRIDGE UNIVERSITY
GRAVITATIONAL LENSING OF LIGHT

VALERIA PETTORINO
INSTITUTE FOR THEORETICAL PHYSICS HEIDELBERG
COSMIC MICROWAVE BACKGROUND

DOMENICO GIULINI
DIRECTOR RIEMANN CENTER FOR THEORETICAL PHYSICS
HAMILTONIAN FORMULATION OF GRAVITY

TO SECURE A PLACE AND ONE OF 50 SCHOLARSHIPS

APPLY AS SOON AS POSSIBLE,
BUT NO LATER THAN 15 DECEMBER 2014
THROUGH

WWW.GRAVITY-AND-LIGHT.ORG

