Reflecting and Shaping the World of Mathematics Education

M. MENGHINI, F. FURINGHETTI, L. GIACARDI, F. ARZARELLO (EDS.)

ROMA, ISTITUTO DELLA ENCICLOPEDIA ITALIANA, 2008 – COLLANA SCIENZE E FILOSOFIA;

CONTENTS
Introduction
HYMAN BASS, Moments of the life of ICMI
JEREMY KILPATRICK, The development of mathematics education as an academic field
Reaction by JEAN LUC DORIER
DINA TIROSH and PESSIA TSAMIR, Intuition and rigor in mathematics education
Reaction by ALDO BRIGAGLIA
MOGENS NISS, Perspectives on the balance between application & modelling and "pure" mathematics in the teaching and learning of mathematics
Reaction by TOSHIKAZU IKEDA
JO BOALER, Bridging the gap between research and practice: International examples of success
Reaction by JOAO PEDRO DA PONTE
GERT SCHUBRING, The origins and early incarnations of ICMI
FULVIA FURINGHETTI, MARTA MENGHINI, FERDINANDO ARZARELLO, LIVIA GIACARDI, ICMI Renaissance: The emergence of new issues in mathematics education
BIENVENIDO F. NEBRES, Centres and peripheries in mathematics education
Reaction by GELSA KNUNIK
Panel on ICMI’s challenges and future:
I. MORTEN BLOMHØJ
II. MAMOKGETHI SETATI
MICHELLE ARTIGUE, ICMI: One century at the interface between mathematics and mathematics education
BERNARD R. HODGSON, Some views on ICMI at the dawn of its second century.

Short Talks (Coordinators Alan Bishop and Lee Peng Yee):
EILEEN F. DONOGHUE - The inception of ICMI: David Eugene Smith and the founding of ICTM;
ALAN BISHOP - The past four decades: consolidation and diversification;
DEREK HOLTON – The process of an ICMI Study: The teaching and learning of mathematics at university level;
FREDERICK K.S. LEUNG - The significance of the ICMI Study on mathematics education in East Asia and the West;
UBIRATAN D’AMBROSIO - ICMI and its influence in Latin America;
JILL ADLER – The development of AFRICME;
CLAUDI ALSINA - What is the impact of hosting an ICME for the organizing country? – The case of ICME8 in Spain;
LIM-TEO SUAT KHOH - ICMI Activities in East and Southeast Asia: Thirty years of academic discourse and deliberation.

Working Groups – Reports:
BILL BARTON & FREDERIC GOURDEAU: Disciplinary mathematics and school mathematics;
DEBORAH BALL & BARBRO GREVHOLM: The professional formation of teachers;
HILARY POVEY & ROBYN ZEEVENBERGEN: Mathematics education and society; MARCELO BORBA & MARIOLINA BARTOLINI BUSSI: Resources and technology throughout the history of ICMI;
GILAH LEDER & LUIS RADFORD: Mathematics education: An ICMI perspective.
ORDERING THE VOLUME

The First Century of the International Commission on Mathematical Instruction (1908-2008).
Reflecting and Shaping the World of Mathematics Education
M. MENGHINI, F. FURINGHETTI, L. GIACARDI, F. ARZARELLO (EDS.)
ROMA, ISTITUTO DELLA ENCYCLOPEDIA ITALIANA, 2008 – COLLANA SCIENZE E FILOSOFIA;


Price of the volume:
60 Euros (about 80 USD) shipping fees included (for Libraries and Institutions)
40 Euros (about 54 USD) shipping fees included (for Individual purchase)

To receive the volume, please send in the following request:

I would like to receive a copy of the volume:
The First Century of the International Commission on Mathematical Instruction (1908-2008). Reflecting and Shaping the World of Mathematics Education

- at the price of 40 Euros, shipping and handling included; I am purchasing the book for my personal use.
- at the price of 60 Euros, shipping and handling included

Please send the volume to the following address:

I will be paying by:
- Credit Card
  Amount to Charge: 
  Type of Card: Card Number:
  Name on Card: Expiration Date: 
  Expiration Date: Signature:

- Bank transfer (please send a copy) to: Istituto della Enciclopedia Italiana
  IBAN IT48 L010 0503 2060 0000 0007 699

The request may be sent to
By Mail: Istituto della Enciclopedia Italiana
  Ufficio Vendita Diretta
  Piazza della Enciclopedia Italiana, 4
  1 - 00186 Roma (Italia)

By Email: venditadiretta@treccani.it
By fax: +39 06 68982294

The request form is also available at the Symposium’s website.