

PREFACE		
<i>Santiago Vargas, Beatríz García, Johana Casado, Breezy Ocaña, and Angela Pérez</i>		v
LIST OF PARTICIPANTS		vii
GROUP PHOTOGRAPH		ix
THE DISCOVERY OF UCAC4 459-092739 BY BLIND AND VISUALLY IMPAIRED STUDENTS: LISTENING TO THE STARS		
<i>A. Bolaños-Santana, M. García-Arencibia, F. Jiménez-Alvarado, M. León-Santana, C. Lorenzo-Santana, A. Marrero-Corujo, R. Martorell-Martinón, C. Morales-Socorro, &amp; F. Robaina-Fleitas</i>		1
EXPERIENCES IN TECHNOLOGIES FOR INCLUSION		
<i>F. Artecona &amp; V. Argibay</i>		8
THE FEEL AND SOUND OF ASTRONOMY - FOR BLIND AND LOW-VISION (BLV) PERSONS IN TRINIDAD AND TOBAGO		
<i>S. Haque</i>		11
SOUND TRAINING PLATFORM APPLIED TO ASTRONOMY		
<i>N. M. M. Bertaina Lucero, J. Casado, B. García, &amp; G. Cayo</i>		16
FOSTERING INNOVATION, INCLUSION, AND DIVERSITY IN ASTRONOMY EDUCATION: THE CZECH ASTRONOMY OLYMPIAD EXPERIENCE		
<i>V. Pavlák, J. Vošmera, T. Gráf, &amp; R. Křížová</i>		20
CREATION OF ACCESSIBLE ASTRONOMICAL DANCE-THEATER PLAY: ARTIFICIAL ECLIPSE		
<i>E. Labbé Waghorn</i>		25
ASTRONOMY FOR EQUITY'S COMMUNITY HUB FOR EXPANDING ASTRONOMY OUTREACH TO BLIND AND LOW VISION INDIVIDUALS WORLDWIDE		
<i>M. Simmons</i>		29

## CONTENTS

CONSTELARTE: A PBL EXPERIENCE OF INCLUSION IN ASTRONOMY <i>I. Acosta &amp; A. Sánchez</i>	33
TRANSFORMATION OF IMAGES TO 3D TACTILE MODELS FROM OPEN SOURCE SOFTWARE <i>M. C. Farjo, J. Casado, &amp; B. García</i>	37
EAR TO THE SKY: ASTRONOMICAL SONIFICATION FOR ACCESSIBLE OUTREACH, EDUCATION AND RESEARCH WITH STRAUSS <i>James W. Trayford, Samantha Youles, Nic Bonne, &amp; Chris M. Harrison</i>	42
UNIVERS@LL: INAF FOR EQUITY IN PUBLIC ENGAGEMENT <i>S. Varano, C. Badia, C. Boccato, R. Bonito, S. Casu, F. Di Giacomo, E. Fiorellino, L. Leonardi, C. Mignone, E. C. Molinari, M. Negusini, F. Panessa, S. Pietroni, S. Piranomonte, A. Puglisi, S. Ricciardi, S. Sandrelli, R. Toniolo, &amp; A. Zanazzi</i>	47
A SMALL CORNER OF THE STARS: ASTROTORUISM FOR SUSTAIN- ABLE DEVELOPMENT AT TATACOA-COLOMBIA <i>G. Pinzón, J. Bernal, L. Martínez, C. Quiazúa, A. Molina, S. Lozano, D. Botero, S. Vargas Domínguez, &amp; O. Cleves</i>	50
THE LIGHTSOUND PROJECT: USING SONIFICATION TO OBSERVE A SOLAR ECLIPSE <i>A. Bieryla &amp; S. Ó. Hyman</i>	53
ASTRONOMICAL IMAGES SONIFICATION: INCLUSION OR OUTREACH? <i>J. Casado &amp; B. García</i>	57
INCLUSIVE ASTRONOMY THROUGH MULTIPLE INTELLIGENCE <i>E. C. L. Sit</i>	62
AUTHOR INDEX	67