

Contents

- | | | | |
|----|--|-----|---|
| 05 | Foreword
GERALD BAST | 117 | Digital Twins for Civil Infrastructure Applications
AMIRALI NAJAFI, ALI MAHER |
| 06 | Introduction: Doors to Hidden Worlds
ALFRED VENDL, MARTINA R. FRÖSCHL | 129 | Beyond the Limits of Our Perceptions
STEVE NICHOLLS |
| 11 | Doors to Reality
ALFRED VENDL | 151 | The Serpent and the Dragonfly:
Into the Unknown
INA CONRADI, MARK CHAVEZ |
| 39 | The Door of Science Visualization
MARTINA R. FRÖSCHL | 173 | Impact Cratering: The Impact of
Visualization on Science and Outreach
CHRISTIAN KÖBERL |
| 65 | Galaxies from the Depths
MANFRED WAKOLBINGER | 193 | Putting Knowledge in the Picture
A PERSONAL ACCOUNT BY THOMAS MATZEK
WITH SILVIA HEIMADER, BARBARA KERB |
| 83 | Expanded Selves:
Searching for Encounters
SONJA BÄUMEL | 211 | Awards in the Time of COVID
ROSE ANDERSON |
| 97 | Visualization Technologies in Nature
Documentaries
WALTER KÖHLER | 219 | The Dance of the Spike
with Sugar Binders
YOO JIN OH, PETER HINTERDORFER,
STEFAN MEREITER |

- | | |
|---|---|
| <p>229 <i>La Borne Worrier</i>
ANNA STEINHÄUSLER</p> <p>235 Insights: Stroke, a Medical History
in Neurology and Neuroradiology,
and the Spirit of Empathy
KARL HEIMBERGER WITH CHRISTIAN NAŠEL</p> <p>245 Imaging and Medicine
MARKUS MÜLLER</p> <p>253 NANO: Bottom up and in Between
VICTORIA VESNA, JAMES K. GIMZEWSKI</p> <p>269 Journeys into the Hidden Microscopic
World
STEPHAN HANDSCHUH, THOMAS SCHWAHA</p> <p>293 Traversing Invisible Walls:
Facilitating Collaborative Experiences
in Mixed Reality Environments
JÜRGEN HAGLER, JEREMIAH DIEPHUIS</p> | <p>303 Realisms and Realities: Constructions
of Reality in Digital Art
RUTH SCHNELL WITH PATRICIA KÖSTRING</p> <p>317 Vision Impairments in Extended
Reality
KATHARINA KRÖSL</p> <p>339 Life and Biology
PETER MINDEK</p> <p>359 Geometry as a Key to Hidden Doors?
GEORG GLAESER</p> <p>381 Visualizing Words: The Diversity
of Literary Adaptations
PETER SICHROVSKY</p> <p>395 »Break on through to the other side«
PETER RUMPLER</p> <p>407 Editors and Authors</p> <p>413 Permalinks</p> |
|---|---|