# About the 17th International Conference ICCHP 2020 Lecco, Italy - September 11, 2020

Are you excited about the upcoming 17th International Conference ICCHP 2020? Well, we certainly are! This year, the conference will be held in the beautiful town of Lecco, Italy, on September 11th, 2020. It promises to be a hub of intellectual discussions, groundbreaking research presentations, and networking opportunities for professionals in the field of Assistive Technologies and Accessibility. Get ready for an event that will leave you inspired and eager to make a difference in the lives of those facing challenges in our digitally-driven world!

## Discovering ICCHP

ICCHP stands for the "International Conference on Computers Helping People with Special Needs." This conference has been at the forefront of promoting the use of assistive technologies to enhance accessibility for individuals with disabilities. It provides a platform for researchers, practitioners, and developers to come together and share their knowledge, findings, and experiences to improve the accessibility of digital environments for all individuals.

For over 30 years, ICCHP has played a vital role in bridging the gap between technology and the needs of people with disabilities. It has acted as a catalyst for innovation and has contributed to significant advancements in the field of assistive technologies.

**Computers Helping People with Special Needs: 17th International Conference, ICCHP 2020, Lecco, Italy, September 9–11, 2020, Proceedings, Part II**

# (Lecture Notes in Computer Science Book 12377)

by István Gaál (1st ed. 2020 Edition, Kindle Edition)

★★★★☆  4.3 out of 5

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The 17th edition of ICCHP being held in Lecco, Italy, is set to continue this legacy by bringing together experts from all around the world. With its captivating blend of presentations, workshops, and exhibitions, it is an event not to be missed by anyone interested in making technology more inclusive.

## The Venue: Lecco, Italy

Lecco, a picturesque town in northern Italy, is famous for its stunning landscapes and rich historical heritage. Nestled on the shores of Lake Como, this charming location provides the perfect backdrop for a conference focused on accessibility and inclusivity.

The conference venue itself will be the prestigious "Università degli Studi di Milano – Bicocca," located in the picturesque district of Lecco. Participants will have the chance to explore not only the conference sessions but also immerse themselves in the cultural gems that Lecco has to offer.

From the beautiful lakeside promenades to the historic architecture of the town center, Lecco is a place that exudes charm and tranquility. With its mix of natural

beauty and cultural richness, it creates an inviting environment for attendees to relax and collaborate.

## A Glimpse into the Program

The ICCHP 2020 program is packed with a diverse range of sessions aimed at addressing the challenges faced by people with disabilities and exploring how assistive technologies can provide innovative solutions. Researchers, practitioners, and industry leaders will present their findings, share experiences, and discuss emerging trends in the field.

The program encompasses keynote speeches, research paper presentations, workshops, and panel discussions to facilitate knowledge sharing. Participants can expect to gain valuable insights into areas such as accessible web design, adaptive technologies, inclusive education, and user-centered design.

Furthermore, the conference will act as a platform for networking, fostering collaborations, and building partnerships. It will bring together experts from various disciplines, including information science, computer science, engineering, psychology, and rehabilitation science, creating a unique environment for interdisciplinary discussions.

## Highlights and Key Speakers

One of the major highlights of ICCHP 2020 is the lineup of renowned speakers who will inspire and enlighten attendees with their expertise and vision. These speakers have made significant contributions to the field of assistive technologies and accessibility and are known for their innovative work.

Dr. Sarah Johnson, an internationally acclaimed expert in inclusive education, will deliver a keynote speech focusing on bridging the gap between education and

technology for students with disabilities. Dr. Johnson's research has revolutionized educational practices, and her insights promise to spark new ideas and discussions among conference participants.

Another eminent speaker is Dr. Alessandro Rossi, a leading researcher in the field of adaptive technologies. Dr. Rossi's groundbreaking work on brain-computer interfaces has opened up new possibilities for individuals with severe motor impairments, and his keynote speech is expected to shed light on the latest advancements in this area.

## Registration and Attendee Information

Registration for ICCHP 2020 is now open, and early bird discounts are available until July 31st, 2020. To secure your spot at this prestigious event, visit the official conference website and complete the registration process. Make sure to reserve your accommodation in Lecco well in advance, as the town tends to be in high demand during the conference period.

If you are passionate about assistive technologies and accessibility, ICCHP 2020 offers a unique opportunity to connect with like-minded professionals, expand your knowledge, and contribute to the advancement of accessibility worldwide.

The 17th International Conference ICCHP 2020 in Lecco, Italy, is set to be a remarkable event that will bring together experts, practitioners, and researchers from around the world. Its comprehensive program, esteemed speakers, and captivating venue make it an event not to be missed in the field of assistive technologies and accessibility.

Whether you are a seasoned professional or just starting your journey in this field, ICCHP 2020 offers a platform to learn, share, and collaborate with individuals who are passionate about creating a more inclusive digital world. Join us on

September 11th, 2020, in Lecco, Italy, for an enriching experience that will leave a lasting impact on your professional journey!
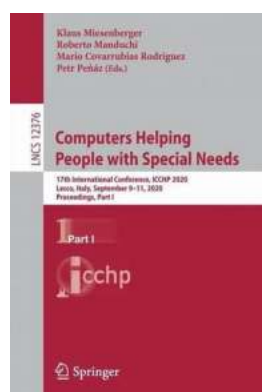
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The two-volume set LNCS 12376 and 12377 constitutes the refereed proceedings of the 17th International Conference on Computers Helping People with Special Needs, ICCHP 2020, held in Lecco, Italy, in September 2020. The conference was held virtually due to the COVID-19 pandemic.The 104 papers presented were carefully reviewed and selected from 206 submissions. Included also are 13 s. The papers are organized in the following topical sections:Part I: user centred design and user participation in inclusive R&D; artificial intelligence, accessible and assistive technologies; XR accessibility – learning from the past, addressing real user needs and the technical architecture for inclusive immersive environments; serious and fun games; large-scale web accessibility observatories; accessible and inclusive digital publishing; AT and accessibility for blind and low vision users; Art Karshmer lectures in access to mathematics,

science and engineering; tactile graphics and models for blind people and recognition of shapes by touch; and environmental sensing technologies for visual impairmentPart II: accessibility of non-verbal communication: making spatial information accessible to people with disabilities; cognitive disabilities and accessibility – pushing the boundaries of inclusion using digital technologies and accessible eLearning environments; ICT to support inclusive education – universal learning design (ULD); hearing systems and accessories for people with hearing loss; mobile health and mobile rehabilitation for people with disabilities: current state, challenges and opportunities; innovation and implementation in the area of independent mobility through digital technologies; how to improve interaction with a text input system; human movement analysis for the design and evaluation of interactive systems and assistive devices; and service and care provision in assistive environments11 chapters are available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.

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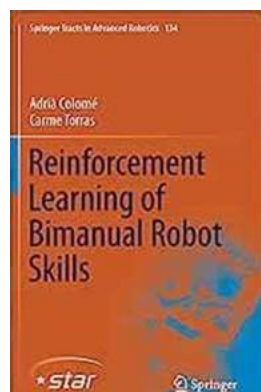
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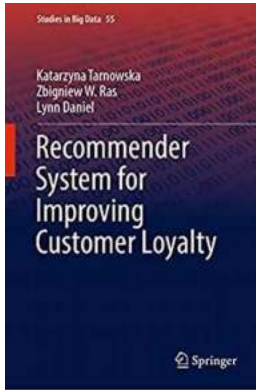
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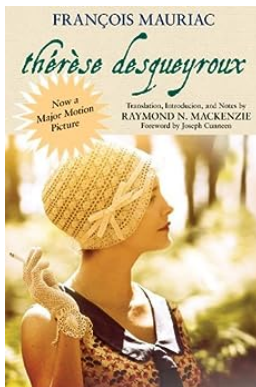
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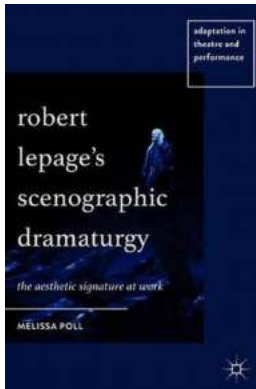
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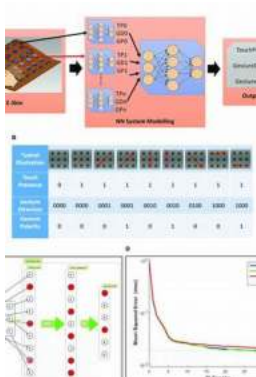
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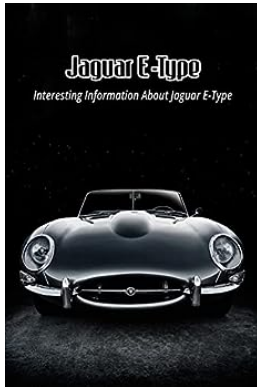
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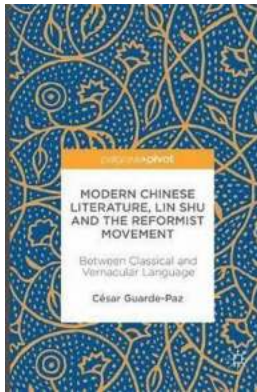
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