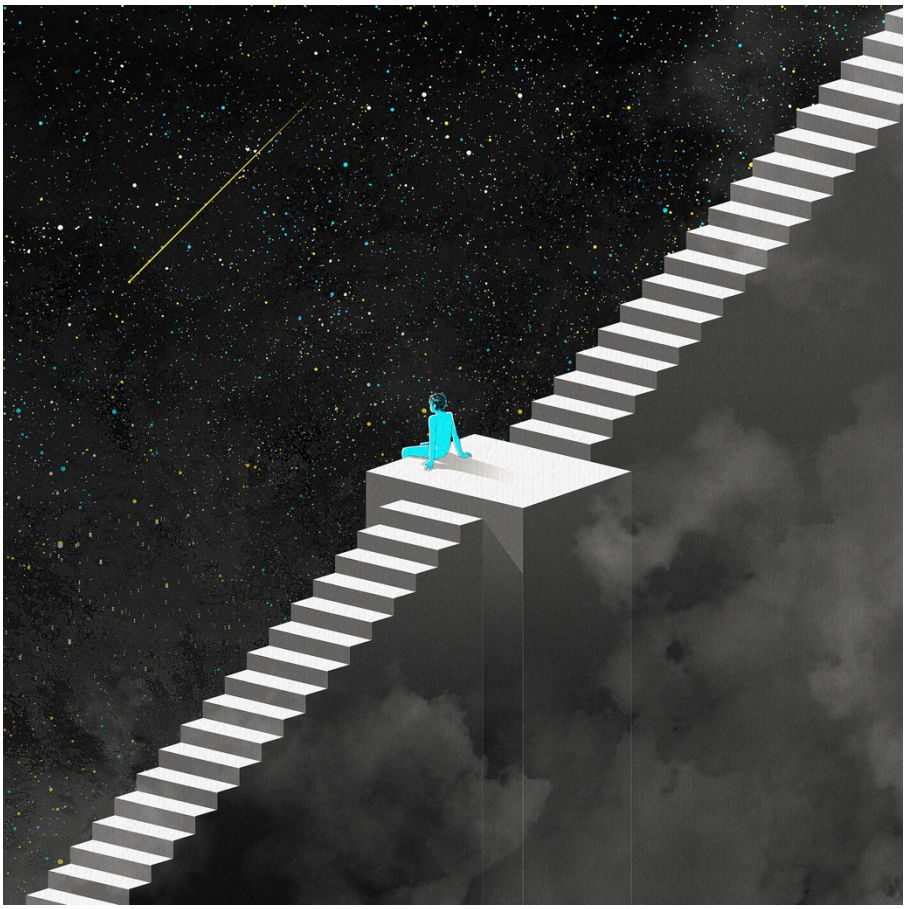


Project Title: Malacors StarVerse

Company: Malacors Organization

Project Directors: Dr. Li-Rong Lilly Cheng, Tammy Feng

Project Team Members:

Autism Team: Dr. Betty Yu, Dr. Patricia Prelock, Dr. Barry Prizant, Dr. Rosario Roman (Invited: Dr. Helen Grech, Dr. Chu Shin Ying, Dr. Carol Westby, Dr. Henry Angelo, and Dr. Fernanda Dreux.)

Tech Team: Yan Hao, Min Myint Cho, K Myint Cho, Li Yiheng.

Media Team: Mok Ling Ling, Xie Jinzhi, Ma Qiming, Yaling Huang, Miao Ming.

eLearning Team: Teh Teong Chin

Malacors will start with a commitment to provide a voice for the marginalized community - Austism Spectrum Disorder (ASD). Neurodiversity is to be respected not marginalized.

Autistic persons are neuroatypical and they are part of the human condition. There is an alarming increase in the number of children born with Autism. One in every 36 children is diagnosed with ASD, marking a 417% increase compared to 16 years ago.

The global healthcare system has not kept pace with this rapid increase. Take China as an example, a population of 230 million aged zero to 14, there are 128,000 pediatricians, averaging 1,797 children for one pediatrician, as per the "China Health and Family Planning Statistical Yearbook 2017." This severe shortage of healthcare professionals makes it challenging to achieve widespread diagnosis and intervention for children with Autism.

The Malacors StarVerse Concept will use AI to construct a Web3.0 city.





In Malacors StarVerse, the environment is fully virtual. Friendship communities do not require real identities. Anyone can create any number of fictional identities with any appearance. Individuals can seek solace from friends/mentors/guides at any time. Or choose to engage in exhilarating games, and challenges from AI robots.

The aim is to use the convenience of new technologies to create a carefree, relaxed environment, a place where autistic individuals enjoy spending time at. Through games, conversations and forums, the

overriding goal is always to inspire, to unleash talents, understand success, and challenge long-standing stereotypes.

The visionary AI Malacors StarVerse runs FIVE HUBS:

1. AI Medical Services – adopting a global collaboration/direction to expand and integrate the network of ASD healthcare professionals. Using Big Data and Machine Deep Learning technology to ensure the accuracy of diagnosis.

2. AI Academy Services – offering both synchronous and asynchronous course training leading to professional certification. Advertising of job opportunities and scholarships.

3. AI Media Advocacy – utilizing diverse storytelling on socmedia e.g., Tiktok, online influencers etc. to raise awareness and for advocacy.

4. AI Product Marketplace - connecting new technological products with the public, enhancing market visibility.

5. AI Community - establishing a community for social connections, providing animal companionship, offering sports coaching, developing the Star Art Gallery and introducing educational and interactive games/challenges.

The autism technology market is expected to grow at a compound annual rate of 4.3%, reaching $4.6121 billion by 2027. However, many of these products have not yet been adopted to improve their quality of communication and well being. There is also a dearth of resources for them to access.

The Principal Drivers of Malacors StarVerse

NAME: Cheng, Li-Rong Lilly

Position: Project Director

Dr. Li-Rong Lilly Cheng served as Professor in the School of Speech, Language, and Hearing Sciences and Executive Director of Chinese Studies Institute at SDSU. Professor Cheng served as a member of the board of trustees of the Campanile Foundation of SDSU.

She is the past chair of the Multicultural Issues Board for the American Speech, Language and Hearing Association (ASHA) and the chair of the Education Committee for the International Association of Logopedics and Phoniatrics (IALP- The International Association of Communication Sciences and Disorders).

She is a Fellow of ASHA and received the Honors of ASHA. She served as the past president of IALP. She was the founder of the Asian Pacific Islander Caucus of ASHA. She has dedicated her life to education with a focus on the children, women, underserved and unserved. She has provided professional and humanitarian assistance and resources to individuals, schools, clinics and groups with special needs including deafness, autism spectrum disorders, speech and language disorders and disability across the lifespan across the globe.

NAME: Feng, Dan-Mei Tammy

Position: Project Director

For the proposed project, both Dr. Li-Rong Cheng and I will provide oversight of the entire project development and implementation.

I have served as a Project Manager, eLearning Course Designer, Game Course Designer, TV Primetime Producer & Director, and Documentary Director for over 20 years. My years of multimedia experience can ensure that the developed courses are professional, with high audio-visual enjoyment impact, replete with interactivity and games to engage learners' motivation and participation.

As a Project Director, I have designed and developed many eLearning courses. These include a series teaching social workers how to evaluate dementia; K-12 student summer camp game courses; medical courses for treating drug addicts and a high school music series.

I was appointed the Asian-Pacific Studio Manager at Oracle Learning Network: Set up the video department for Oracle Singapore and replicated the operations in Oracle China and Taiwan. Produced hundreds of eLearning courses for Oracle Learning Network for US and Asia Pacific Division. Assisted the Education Department successfully in selling the Oracle Learning Management System to Chunghwa Telecom (the biggest telecom carrier in Taiwan). Taught

CART Methodology to Oracle customers. CART is the Instructional System Design Methodology created by Oracle.

I had lectured at Fu-Ren Catholic University, with their Mass Communications Department, Taiwan. I served as Producer & Director on many primetime episodes for TV stations.

Technical Skills

eLearning authoring tools: Articulate 360, Lectora Online. Wed & eBook Development tools: Adobe Dreamweaver, Photoshop, Fireworks, MS Office Suite. Mac: iWork, Keynote, Pages, Numbers. Streaming media development tools: Final Cut Pro Studio, Adobe Premier Pro, Audition, Adobe After Effects, QuickTime, Window Media, Flash, Sorenson, Xilisoft, MPEG Streamclip.