

## Guest Speaker:

### **Professor Vassilios Makios, Co-founder, General Director, Corallia Clusters Initiative.**

Vassilios Makios was born in Kavala, Greece. He received his Electrical Engineering degree (Dipl. Ing.) from the Technical University in Munich, Germany in 1962 and the PhD (Dr. -Ing.) from the Max Planck Institute for Plasmaphysics and the Technical University in Munich in 1966. From 1962-67 he was Research Associate in the Max Planck Institute for Plasmaphysics in Munich, where he was associated with microwave interaction studies on plasmas. He served as Assistant Professor 1967-70, Associate Professor 1970-73 and full Professor 1973-77 in the Department of Electronics, Carleton University in Ottawa, Canada, where he was involved with teaching and research in microwave and optical communications, radar technology, remote sensing and CO2 laser development. From 1977 he is an Honorary Research Professor of Carleton University.

In 1975 he was elected Professor of Engineering and Director of the Electromagnetics Laboratory in the Electrical Engineering Department of the University of Patras in Greece, where he is involved in teaching and research in microwave and optical communications, data communications networks, LAN's MAN's, B-ISDN and ATM technology with emphasis on efficient hardware implementations and rapid prototyping. He is also involved in research in photovoltaic systems. His laboratory is actively participating in EU ACTS & ESPRIT R&D projects e.g. LION, DISTIMA, PANORAMA, COBUCO etc.

In 1986-87 he spent his sabbatical year at the R&D laboratories of SIEMENS in Munich. He has published over 120 papers and numerous patents in the above fields. He has participated in the organizing committees of numerous IEEE and European Conferences and was the Technical Program Chairman of the 5th Photovoltaic European Community Conference in Athens 1983 and Co-Chairman of the EURINFO 1988 Conference of the European Community. He is the recipient of the silver (1985) and golden (1999) medal of the German Electrical Engineering Society (VDE). He is a senior member of the IEEE, member of the Canadian Association of Physicists, the German Physical Society and the VDE, Professional Engineer of the Province of Ontario and the Greek Technical Chamber.

## Judges:

Dimitra Darda  
Regional Sr. Director, Devices Sales Lead,  
Central Eastern Europe at Microsoft.

Christos Lytras, PC '92  
Managing Partner, hippocampus.io.

Jorge-A. Sanchez-P.  
PhD, MPM, Dipl.-Ing., Chief Strategy  
& Financial Officer, Corallia Clusters Initiative.

Argiris Tzikopoulos  
General Manager, Junior Achievement  
Greece.

Peggy Velliotou  
Partner, KPMG Advisors AE

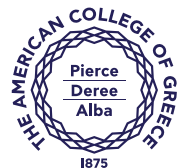
Katerina Voutsina  
PhD, Assistant Professor in Entrepreneurship,  
Area Coordinator in Entrepreneurship  
Management pathway, School of Business  
and Economics, Deree - The American  
College of Greece.

### **Thank you:**

The Diamond Challenge Organizing Committee extends their gratitude and appreciation to the below, for their instrumental support of the 1st Diamond Challenge competition to be held at Pierce - The American College of Greece.

**Pierce Ambassadors, Student Volunteers, Student Participants, Judges, Guest Speaker and all ACG offices** that have been involved in the planning and the implementation of this event!

Hosted by



# Diamond Challenge



## DIAMOND CHALLENGE COMPETITION FOR HIGH SCHOOL ENTREPRENEURS 2019

"DREAM"  
"DO"  
"LEARN"  
"REPEAT"

Welcome to the 1st Pierce – The American College of Greece **Diamond Challenge!** Pierce has partnered with the **University of Delaware Horn Entrepreneurship** to serve as the sole “pitch site” in Greece for this international competition. Since the foundation in 2012, the Diamond Challenge has reached more than 3,500 students from 155 schools and 30 countries worldwide. The competition has recently been ranked in the 1st position of the top 29 best international business plan competitions by **Alpha Gamma**, a business portal for young business professionals.

Through participation in Horn Entrepreneurship, students gain the knowledge, skills, personal capacities, experiences, connections and access to resources needed to thrive in a rapidly changing world. High school students will be able to cultivate entrepreneurship concepts, gain 21st century skillsets, such as pitching, iterating, problem solving, and using technology to leverage ideas. The **Pierce Pitch Host** event theme will be the **social innovation** track focusing on the development of new, social impact models.

The winning team of the Pierce Pitch Host event has the opportunity to travel in the US to participate in the semi-finals and finals that will be held at the University of Delaware (UD) on April 13-15, 2019.

## PIERCE PITCH HOST EVENT PROGRAM

February 9, 2019

<b>08:30-09:15</b>	Registration (Pierce Theater Lobby)
<b>09:00-09:30</b>	Judges Meeting (Pierce Faculty Lounge)
<b>09:30-10:00</b>	Welcome remarks by the Principal Eric Trujillo, Guest Speaker Professor Vassilios Makios, Co-founder, General Director, Corallia Clusters Initiative (Pierce Theater)
<b>10:00-12:00</b>	Student Team Pitches (Pierce Theater)
<b>12:00-13:00</b>	Lunch break (Pierce Cafeteria & Faculty Lounge)
<b>13:00-14:00</b>	Award and Closing Ceremony (Pierce Theater)

## The Social Innovation Teams:

### 1. Eventmo

Kontos Spyridon, Iakovou Theodoros, Bouchori Nefeli-Konstantina, Tsakanika Georgia.  
Social event map – a web platform that consists of philanthropic events organized by us or third parties.

### 2. RoboAir

Goutou Charicleia-Nefeli, Apostolou Heraclia.  
A machine that collects CO2 and makes it into a new environmental friendly energy source.

### 3. reShelter

Kolydas Penelope, Kalioraki Maya.  
The concept aims towards the integration of homeless people in Greece’s society, by offering them housing and assets in order to build their lives in the countryside and on underpopulated islands.

### 4. Marine microplastic contamination

Zotou Amerissa, Lagiou Ariadni.  
Plastic pollution in the world’s oceans is an environmental issue that affects both animals and humans and can be solved through a simple modification in an already existing infrastructure: the implementation of a filter in ballast tanks.

### 5. Agro

Protekdikos Theodore, Seimanidis Charalampos, Karasavvas Pantelis.  
Agro is a company which will operate stores to provide people with low priced fruits and vegetables that have been rejected by retailers due to cosmetic standards.

### 6. wramp it

Koletsou Evridiki, Rizopoulou Evangelia.  
A portable light-weighted ramp made from metal that comes with a little bag to carry it inside, designed for disabled people and parents with trolleys.

### 7. Transplants

Kapsi Nicole, Kachrimanidi Theodora, Gennaraki Philio, Kolosaka Andriana.  
The problem of transplants in the Western world.

### 8. Mothers’ Agency-Village

Servou Christina, Polychronopoulou Maria, Patra Antonia.  
A non-profit organization that will be providing single mothers with childcare, support, advice, job and educational opportunities, so that they can work or attend college in order to improve their life, become independent and raise their children.

### 9. Plastic Eclipse

Papadopoulos-Siountris Alexios, Dinopoulos Thomas, Oikonomou Vasileios.  
Our mission is to reduce the consumption of single-use plastic, especially in packaging, by creating a shop that offers a plethora of unpacked products which one can buy and store in their own reusable containers, such as mason jars, glass containers etc.

### 10. SAFE\_MOVE

Papangeletou Maria, Papadimitriou Markella, Papakosta-Sampatakaki Kanella.  
With our concept someone will be notified in the event a person with a mental illness leaves their house without them knowing.

### 11. Telemedical

Mavridis Alexandros, Gkouvelis Panagiotis, Papadopoulos Charalampos.  
Telemedical is an app, which ensures immediate emergency treatment, including advanced life support, to patients in emergencies.