PARTNERS

PAZMÁNY PÉTER CATHOLIC UNIVERSITY (http://tpk.ppke.hu/en)
The predecessor of Náményi Péter Catholic University (PPCU) was founded in 1635. After the fall of communism, PPCU could re-start its operation in 1992 and currently, approximately 9000 students study at four faculties of PPCU.

PPCU received the “University of Excellence” title from the Hungarian government for the period 2013-2016 that provides substantial financial means for education and research. The IPCV Master Program is running in the framework of the Computer Engineering program of the Faculty of Information Technology and Computer Science. The Faculty is divided into seven faculties. The College is closely related to the IPCV program at the Faculty are fast image processing on specialized computing architectures, medical image processing, and sensory robotics.

With 65000 students, UAM is a public institution internationally renowned for the quality of its teaching and research. It has been nominated Campus of International Excellence (CIE) within the framework of UAM-CSIC. CIE project is aimed at two main aspects: top 50 universities, and the leading scientific impact in research, and it has high experience in students’ mobility (UAM is the 6th University in Europe in percentages of outgoing exchanges student).

The IPCV Master program is supported by the Escuela Politécnica Superior (EPS), and particularly by the Video Processing and Understanding Lab (VPULab) and the Biometric Recognition Group (ATVS), already involved in a 4-year BSc degree in Electrical Engineering – specialist in Audio and Video Processing, and in the HMSC degree in Research and Innovation on ICT – specialist in Biometrics in Surveillance.

UNIVERSITY OF BORDEAUX (http://www.u-bordeaux.com/)
With 25000 students, the University of Bordeaux is a public institution internationally renowned for the quality of its teaching and research. Since the 1st January to the 31st March 2011, the University of Bordeaux was one of the first universities to receive the “Campus of Excellence” award in France. The University of Bordeaux has been granted funding provided by the French Government in the framework of “Investments for the future”.

The IPCV Master program is running in the framework of the Computer Engineering program of the Faculty of Engineering Sciences. The College is divided into seven faculties. The IPCV program relies on three of them: Information Technology, Engineering Sciences, and associate professors and 600 students is unique in Hungarian higher education in what it curriculum combines the study of Information Technology with the study of three disciplines of living organisms. At the Faculty, equal emphasis is placed on personal communications between students and teachers, as well as on scientific work at research groups of the local Jedlik Laboratories and the partner institutes of the Hungarian Academy of Sciences. In recent scientific results, the Faculty was awarded the “Research Faculty” title and the corresponding support package from the Hungarian government covering with only three faculties of Hungary for the period 2013-2016. The research fields closely related to the IPCV program at the Faculty are fast image processing on specialized computing architectures, medical image processing, and sensory robotics.

UNIVERSITY AUTÓNOMA DE MADRID, Spain (UAM)
• Semester 1: Universidad Autónoma de Madrid, Spain (UAM)
• Semester 2: University of Bordeaux, France (UBx)
• Semester 3: Universidad Autónoma de Madrid, Spain (UAM)
• Semester 4: Internship in an academic laboratory or industries

APPLICATION

APPLICATION CRITERIA

Applicants must fulfill the following requirements:
• Hold a Bachelor degree or equivalent in engineering science, mathematics, computer science or signal processing before the program starts.
• Average grade of at least “Good” according to local criteria in the courses of the last two years of study.
• Must have an adequate knowledge of written and spoken English, equivalent to B2 according to the CEFR, or TOEFL score of 6.5 or TOEIC of 450.

APPLICATION DEADLINE

from the 1st January to the 31st March

PRESENTATION OF PROGRAM

The two-year International Master Programme in Image Processing and Computer Vision (IPCV) provides specialists in a field of increasing importance in our daily lives. Processing images and videos is essential in domains such as medicine, surveillance, industrial control, remote sensing –e-commerce, automation, etc. IPCV offers theoretical and practical knowledge to form highly-qualified graduates in this field. This partner university, with internationally recognized expertise in these domains, has pooled their complementary expertise and developed this master course. The result is a high-quality, strongly recognized, triple Master degree that respects the 120 ECTS syllabus, and is well adapted to job market criteria. Duration of the programme: 2 years (120 ECTS)

Course language: English

Type of degree: fully recognized triple Master Degrees, completed by three diploma supplements, from PPCU: MSc degree in Engineering Information Technology, Specialization in IPCV from UAM: Master’s degree in ICT Research and Innovation (2.5 ECT) from UBx: Master degree in “Ingenierie des Systemes Complexes”, Specialization in IPCV Master degree in “Mathématiques appliquées, statistique” Specialization in IPCV A diploma supplement will additionally be delivered by each university. All students follow the same course curriculum and spend an entire semester in each university.

• Semester 1: Pázmány Peter Catholic University, Budapest, Hungary (PPCU)
• Semester 2: Universidad Autónoma de Madrid, Spain (UAM)
• Semester 3: University of Bordeaux, France (UBx)
• Semester 4: Internship in an academic laboratory or industries

APPLICATION

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• Must have an adequate knowledge of written and spoken English, equivalent to B2 according to the CEFR, or TOEFL score of 6.5 or TOEIC of 90.

APPLICATION DEADLINE

from the 1st January to the 31st March
BUDAPEST, HUNGARY
Budapest is the capital city of Hungary, the largest city in Central Europe, and the seventh largest in the European Union. The history of Budapest goes back to over one thousand years, when it became the Roman capital of the province Lower Pannonia (under the name Aquincum). The Hungarians arrived to the Carpathian Basin during the 9th century, King Stephen founded the Hungarian state in the year 1000 A.D. During the middle ages, Hungary became one of the most important cultural centers of the Hapsburg monarchs, and the spectacular Plaza Mayor square –inaugurated in 1620 and one of the most beautiful cities in Europe, its extensive World Heritage Site include the banks of the Danube, the Danube Bend, the historic town Margit Island, and the Millennium Underground Railway (second oldest in the world).

The city attracts about 2.7 million tourists a year making it the 35th most popular city in the world after Paris. Budapest offers plenty of possibilities for a lively nightlife and touristic entertainment. Hungarian are fond of music and Budapest is the centre of musical life in Hungary. Concerts are held every week in great concert halls, in little chamber halls, churches, sport arenas, and open-air during the summer period. The works of renowned composers like Ferenc Liszt, Zoltán Kocsis or Ferenc Liszt make the Hungarian classical and folk music famous all around the world. The musical event of Budapest is Sziget Festival (organized in August each year). Muses, hotels, exhibitions present the history and culture of the Hungarian people. The island Margaret is a cultural and historical treasure of Hungary.

Madrid, Spain
Madrid is a cosmopolitan city that combines the most modern infrastructures and the status as an economic, financial, administrative and service centre, with a large cultural and artistic heritage, a legacy of centuries of existing. It has been populated since the Lower Paleolithic era, although it was not until 1531 that King Philip II made Madrid the capital of his vast empire. The historic centre, also known as the “Madril Paseo del Prado” in both Madrid’s famous museums in the city, offering a variety of options that can be found across from Place de la Bourse. The city’s nickname is “la perla del oeste” and is a major tourist destination due to its variety and the exciting atmosphere.

BORDEAUX, FRANCE
Bordeaux is a port city on the Garonne river in the Gironde department in southwestern France. It is also the capital of the Aquitaine region. The Garonne river is approximately 400 km long and forms about 15% of the city’s rivers.

The historical part of the city is on the UNESCO World Heritage List as “an outstanding urban and architectural ensemble” of the 18th century. Bordeaux is also the world’s major wine industry capital. It is home to the world’s main wine fair. In France, while the wine economy in the metro area takes in 14.5 billion euro each year, Bordeaux wine has been produced in the region since the 8th century. Bordeaux is a historical city with many tourist attractions. The city’s nickname is “La perle d’Aquitaine” because a part of the city “le Port de la Lune” was almost completely renovated. Additionally, Bordeaux is classified as “City of Art and History”. The city is home to 362 historic monuments, with some buildings dating back to Roman times. Bordeaux has an extensive number of cultural events and meeting centres. It is also the site of the annual film festival. Bordeaux is a great place to live, study, play sports and socialize! Capital of south west France, Bordeaux has an extensive range of clubs and sports teams. Less than an hour away, there are the sunny beaches of the Atlantic coast and the rolling landscapes of the region’s famous vineyards.

The city attracts around 2.7 million tourists a year making it the 35th most popular city in the world after Paris. Bordeaux offers plenty of possibilities for a lively nightlife and touristic entertainment. Bordeaux has been dubbed the title “European Best Destination 2015.”

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