



ESAD CR

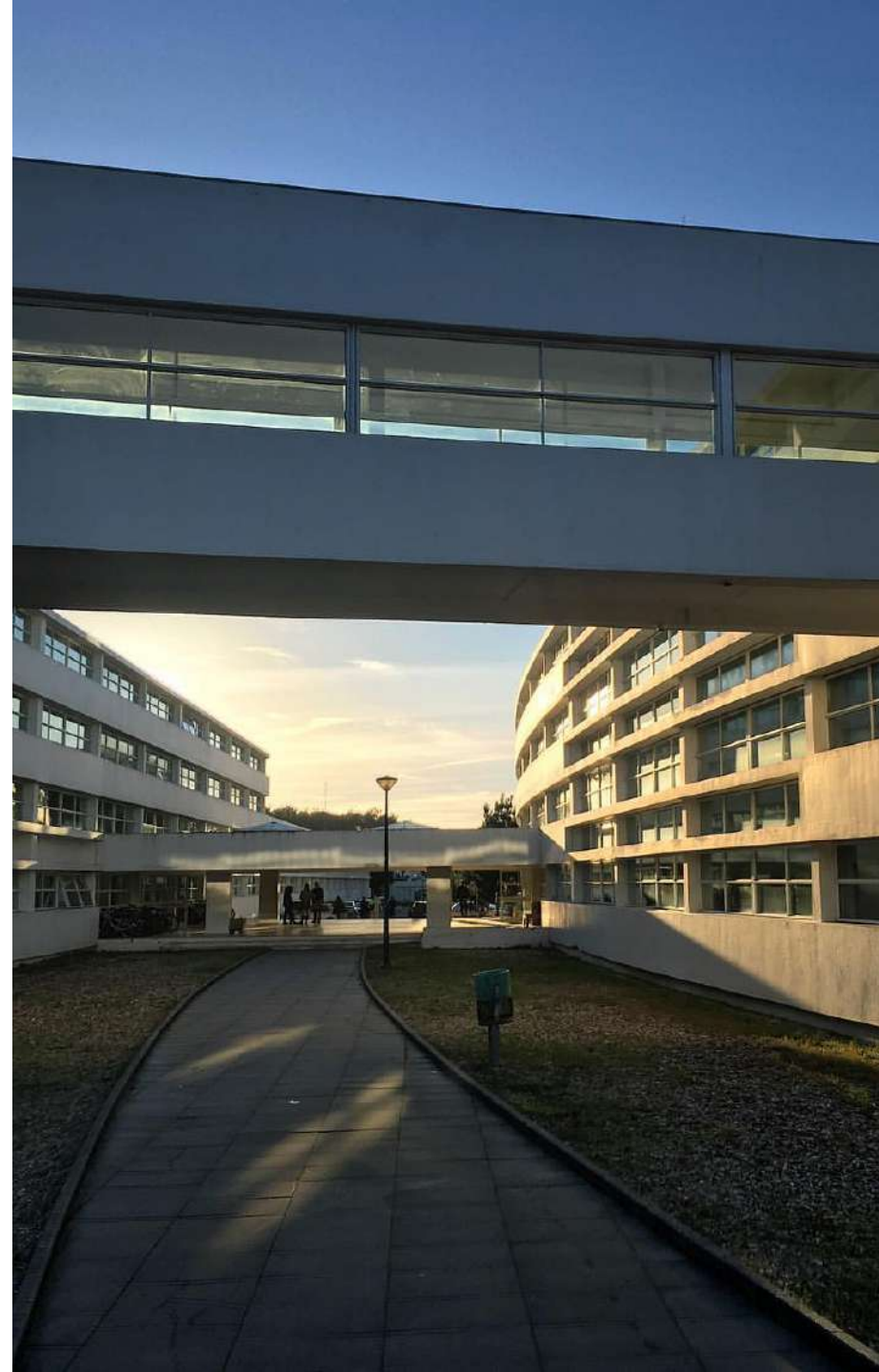
Escola Superior de Artes e Design
Caldas da Rainha - Portugal

**APPLICATION FOR
AFFILIATED MEMBERSHIP**

2019

A school for today's world

At ESAD.CR we focus on current events. We monitor what is happening in the world today; we focus on economic, cultural, technological and environmental changes. We are committed to a project-oriented training model. The teaching in ESAD.CR aims to provide an interdisciplinary, technological and professional qualification, and an incentive to attain student autonomy. By doing so, we prepare future artists, designers, actors and leaders of cultural activities, capable of being dynamic and creative professionals, integrated in company and project teams, working in a network or creating their own businesses. ESAD.CR is a school for today's world.



ESAD.CR

a school open to the world

ESAD.CR is a teaching and research institution founded in 1990 with acclaimed international and national recognition. ESAD.CR is located in Caldas da Rainha, close to the central Atlantic coast of Portugal. It is integrated in a region of great economic, cultural development and well-being. It has privileged access to the whole country. It is also a city of the arts. Caldas da Rainha has a creative, stimulating and agreeable environment.

At ESAD.CR, the training is project focused. We provide training that meets the demands of the present and the future. A training that is interdisciplinary, technologically sustained, and creative. The student centred teaching, up-to-date research and attention given to emerging professional areas make ESAD.CR a national and international benchmark.



ESAD.CR currently has 1,400 students and over 120 lecturers. who are experienced professionals and internationally renowned in the most varied creative areas. The School building was designed and built around studio spaces and workshops, being one of the most unique and complete projects of national teaching of the arts. The campus comprises 4 spacious and well-equipped buildings, situated among oak and pine trees. Its well-equipped laboratories and workshops allow access to the most varied technologies, from the traditional ones like Ceramics, Glass and Plaster (for models and sculpture), Analog Photography, Printmaking, Wood or Metal, to the most up to date ones such as Digital Photography, Digital Printing, Rapid Prototyping and 3D Printing, Audiovisual and Multimedia.

ESAD.CR offers Undergraduate courses in Product Design - Ceramic and Glass, Fine Arts, Industrial Design, Graphic Design and Multimedia, Interior and Spatial Design, Sound and Image, Theatre and Programming and Cultural Production. This offer includes Master's degrees in Fine Arts, Product Design, Cultural Management and Graphic Design. It also offers an interesting range of TeSP (Technical Professional) courses.

In order to maintain its prominent position, ESAD.CR must have the ability to adapt to the world's demands, as well as to the needs of companies, institutions, and the community. ESAD.CR has developed a sustainability plan based on four strategic pillars: the development of the learning-teaching processes; adjustment of the educational offer to the economic challenges which are supported by technological innovation; sustainable development and new challenges in blending the areas of arts, design and science; oriented research and contributions to the development of the areas by intensifying the cooperation with its different agents.





Internationalisation

ESAD.CR in the world

Internationalisation is the essence of ESAD.CR. Every year, ESAD.CR receives students, teachers and staff from other countries. Every year, ESAD.CR sends students, teachers and staff abroad.

Internationalisation involves European mobility which is supported by programmes such as Erasmus +. We also provide many other programmes, partnerships and protocols that support the internationalisation of teaching and research.

Many international students choose to study at ESAD.CR, where they find a practical teaching methodology which is supported by excellent workshops; assisted by professional, experienced and committed teachers; a teaching method that embraces the heritage of the past and the promises of the future, focused on the present. Many of these students remain in Portugal.

ESAD.CR's internationalisation is one of the ways in which it positions itself in the contemporary world. ESAD.CR's openness to the world enriches our creative potential, shows the world our work, and establishes our students in the international scene.

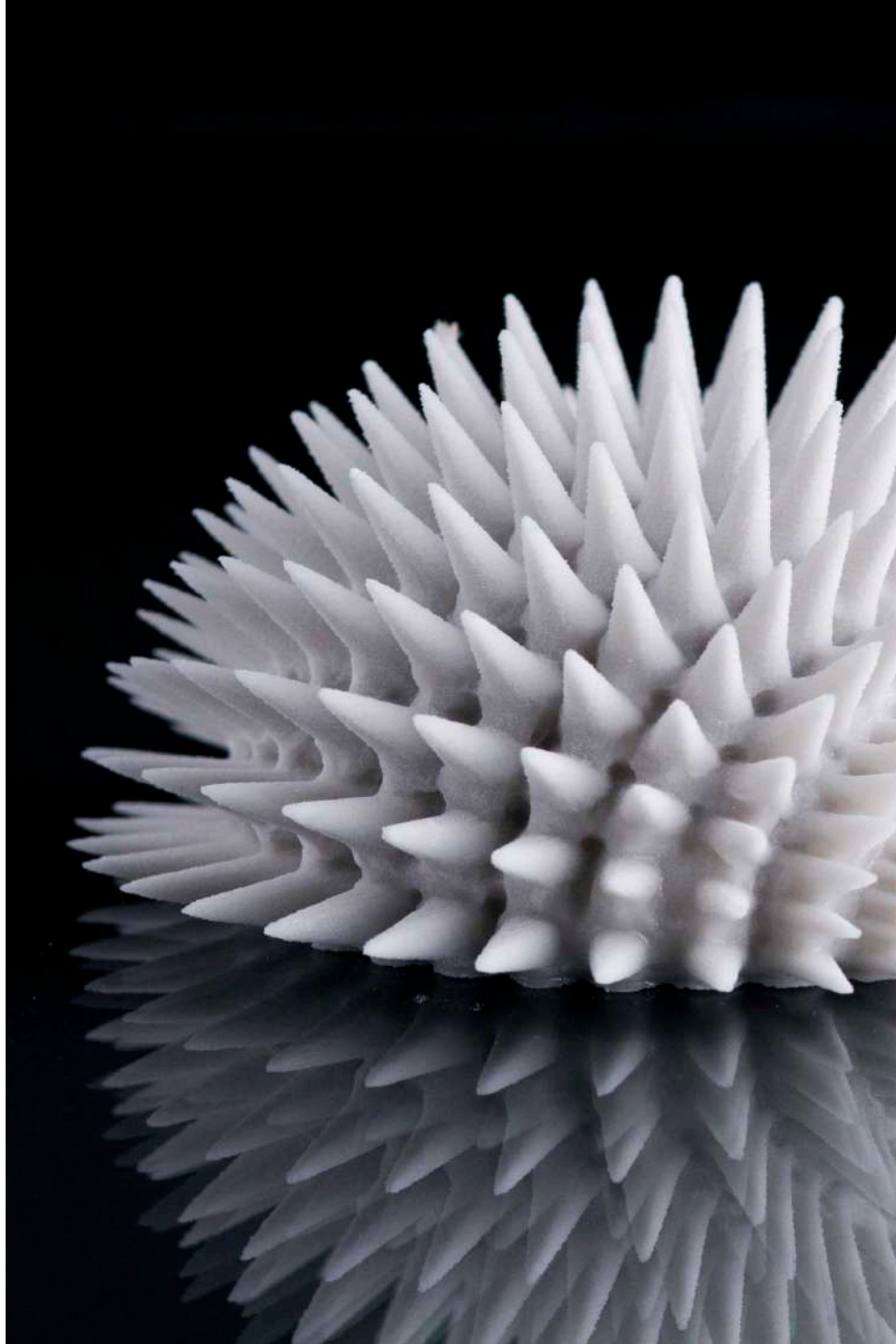
The courses offered at ESAD.CR are taught in Portuguese, but the tutorials may be in English. The Master's degree in Graphic Design is already taught in English.

**ESAD.CR is a truly
international school.**



Workshops / Laboratories

ESAD.CR has laboratory and workshop spaces that allow students to develop and materialise their projects, from the initial idea to the final model and prototype. The practices promoted in the School are directed towards an understanding of the potentialities of technological blending, from the tasks related to craft to its extrapolation by using digital means and other advanced technologies such as 3D printing or plastic thermoforming.



CERAMIC, GLASS AND PLASTER

(for models and sculpture)

This workshop provides conditions for the development of ceramics, plaster and glass projects. The space is organised by work areas, namely a small laboratory, an area for mould filling, areas with working tables, a pottery and plaster section, a space to work with cold glass and a kiln section dedicated to firing finished pieces. The workshop space has all the necessary equipment, for clay and glass modelling, including a slab roller, drying ovens, electric wheels, plaster lathes, spray booth, electric kilns, and mixing equipment. All these materials are for the exclusive use in the ceramics workshop.



DIGITAL WORKSHOP

The Digital Workshop is used in the printing, scanning and layout of works by students and teachers for academic purposes, as well as the carrying out of work in support to the school, the Polytechnic of Leiria or to the community. Student's academic works are usually carried out in course assignments, under a lecturer's guidance, being subject to the supervision of one of the workshop's technicians. The specialized works that provide support to the school, to the Polytechnic of Leiria or to the community are always carried out under the specific instructions of the School's administration or the responsible coordinator.

AUDIOVISUALS WORKSHOP

The Audio-visuals workshop is managed by two technicians and offers a selection of specific equipment as well as technical and artistic support, for both the Sound and Image course and all other courses. It also offers several workstations with audio-visual production software (Premiere, Protools, etc). The workshop also manages the Video Studio and the Sound Studio, as well as the technical resources of the Auditorium 1.

PHOTOGRAPHY WORKSHOP

The Photography Workshop is a space of creativity, imagination and responsibility, where all the students may carry out their projects which require the use of specific spaces that are appropriate for photography and various photography equipment. Whether specifically for classwork or autonomous work, students can use the photography studio and its lighting and stage equipment, as well as the analogic and digital photography laboratories to develop and manage their images. The digital laboratory has dedicated computers and editing and image management software., In the analogic laboratory, students can develop their films and print images on photographic paper. In the Photography Workshop, there is a help-desk which provides assistance by accredited technicians, from whom students can request technical assistance, make reservation of workspaces and request photographic material.

PRINTMAKING SILKSCREEN WORKSHOP

The silkscreen workshop enables printing on various flat surfaces, such as wood, fabric, plastic or other material. The silkscreen workshop is equipped with: five printing tables; a sensing machine and a washing tank with a washing compressor. The printmaking technique is a traditional reproduction technique and requires special care with the matrix. The matrices are worked manually and exposed to acid, which transform a simple image into an originally textured image, capitalising the expressive qualities of colour. The printmaking workshop has five presses: woodcut press, linoleum technique press, lithographic press for stone; printmaking press for metal ; printmaking press for vertical matrix and a bookbinding press.

WOOD WORKSHOP

The function of the wood workshop is to provide support in the development and realisation of students' projects from the different courses in ESAD.CR. It also provides technical support to the institution itself and to protocol projects with other institutions, such as the making of facilities, structures and furniture. The workshop is permanently monitored by a qualified technician who provides assistance and guidance to the students providing solutions tailored to each individual need. The extensive technical capacity of the workshop enables students to carry out of a wide variety of works such as: development of forms and volumetric studies, functional studies, connecting mechanisms, joints and articulations between parts, prototypes, models and finished items such as structures or furniture.

METAL WORKSHOP

The Metal Workshop is currently one of the best-equipped workshops in the country, in the whole context of the artistic teaching.

Over the years, it has enabled hundreds of successful projects to be concluded in the fine arts, in particular, sculpture and installations, and also in the different courses related to design, in the making of prototypes and the conception of individual and team projects.

The Metal Workshop was built: to provide practical knowledge regarding the various techniques associated with its specific equipment; give detailed information on the capabilities of the equipment and help improve the understanding of the workshop's function to everyone in the academic community from different courses that use it to undertake works of both a curricular and extracurricular nature.

THEATRE WORKSHOP

The Theatre Workshop is a multidisciplinary space consisting of two Black boxes, a body room, music and voice room, a theory room and storage.

The workshop has a range of lighting equipment, sound design, rigging, and stage machinery, which supports the theatrical and/or performing activities developed by the Theatre course.

The Theatre Workshop has a permanent technician who provides the necessary support to its users, as well as to other activities involving the spaces and equipment.

The Theatre Workshop is open to the entire academic community, under the supervision of the technician, however it gives priority to the students of the Theatre course.

DIGITAL PROTOTYPING LABORATORY

The Digital Prototyping Laboratory, besides directly supporting some courses, provides 3D printing services to the academic community, outside companies and institutions which have a protocol with IPL and who support research projects.

It is equipped with a Z450 3D printer from 3DSystems which enables the development of prototypes for a formal evaluation that works with plaster-based materials with a useful volume of 250 x 200 x 200 (mm).

The DPL is not directly open to the public. In order for the services to be provided, a 3D (STL) file of the project to be printed must be sent to an email address. The student then receives a quotation with the expenses of the consumables. Once the quotation is approved, the printed piece may be collected from the Accounting office, on a date to be defined.



DP CV

THE COURSE

Located in the old spa town of Caldas Rainha, a city with vast artistic and cultural heritage particularly in the fields of painting, sculpture and pottery production, ESAD.CR-IPL launched courses considered strategic to answer the market demands of the ceramic and glass industry in the region which are predominant sectors in both the local and national economy, with the Leiria region being the most important industrial ceramic / glass sector in Portugal.

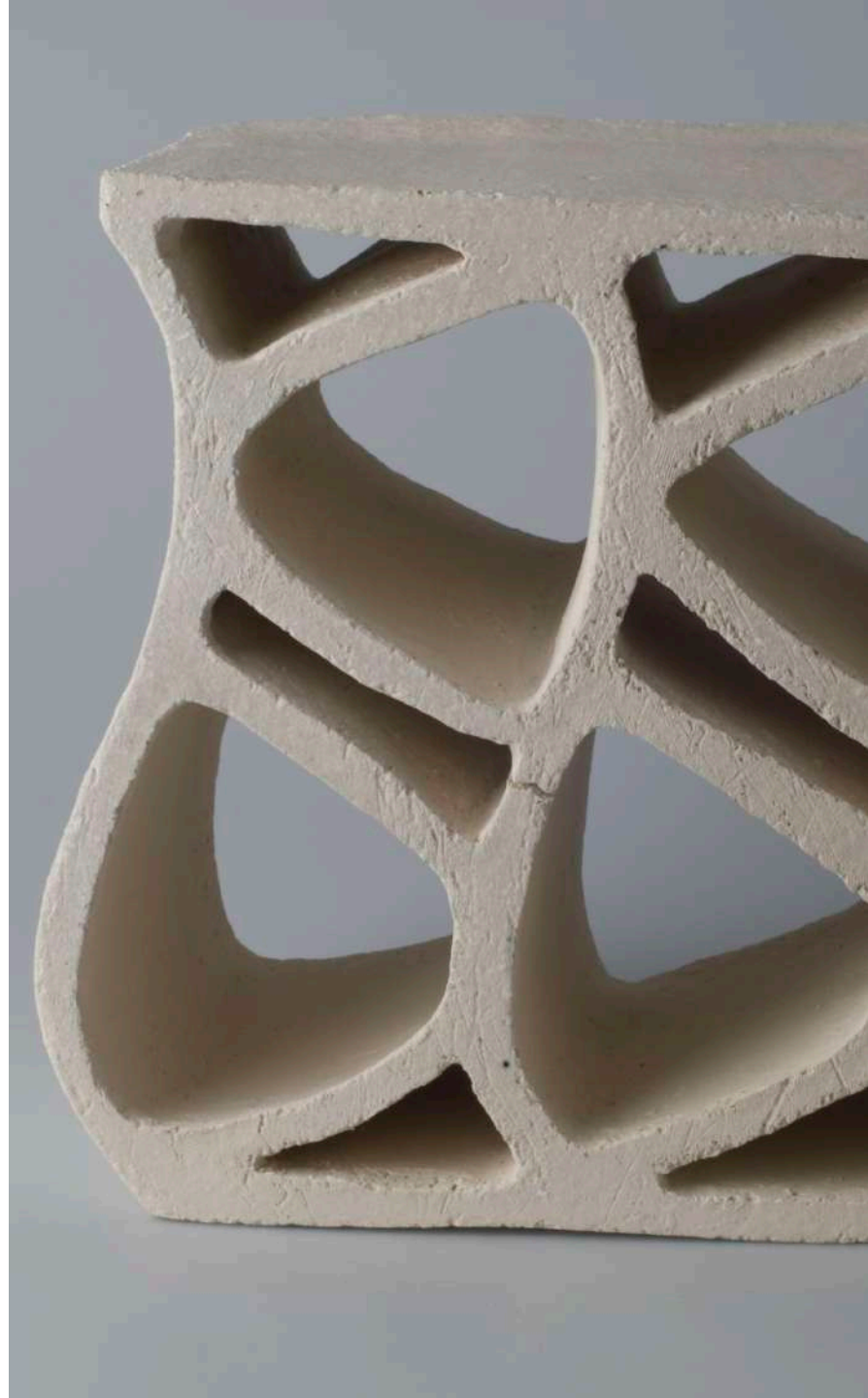
The Undergraduate Product Design course in Ceramics and Glass, ensures a solid background/foundation in the area of Product Design. and technological expertise in ceramics and glass. Focused on Product Design and Development, for both industry and craft manufacturing, such far ranging products such as tableware, cookware, equipment and products for architecture and urban planning (claddings, floor coverings, sanitary and urban equipment etc.), jewellery and fashion accessories are designed and developed.



The course, which is unique in Portugal, offers unparalleled conditions in the area of Ceramics and Glass Design which is of special relevance for the country and for the region.

A well-established collaboration with the neighbouring municipalities, and national and regional industry, and the relevant institutions in the sector: DEMaC / UA, CTCV, LNEG, Cencal and APICER among others, has led to the sustained development of the course which provides a sound foundation for the students and the opportunity of direct contact with ceramics companies at a professional level.

- ø Department of Materials Engineering and Ceramics (DEMaC) – University of Aveiro
- ø CTCV Technological Centre of Ceramics and Glass
- ø LNEG National Laboratory of Energy and Geology
- ø CENCAL Professional Training Centre for the Ceramic Industry
- ø APICER Portuguese Association of Ceramics and Domestic Glass Industries





STUDIES

Based on the connection between Design and Technology, the main objective is to train students to have a high level of creativity, technical and scientific skills, as well as attaining ethical and professional expertise. The objective is also to train students to be capable of rationalizing the use of resources as well as managing systems and processes related to project activities in their different contexts, in an effective, integrated and innovative way.



In a broader sense, the course aims to maintain the historical continuity of the tradition of technical and professional training in the artistic production of ceramics locally and regionally; Increase the qualification / internationalization in the traditional industries (ceramic and glass), which are represented by businesses in the region and contribute significantly to the country's trade balance, Stimulate entrepreneurship and value creation in the sector, increasing its renewal and modernisation, whilst taking into account the rich Caldas da Rainha ceramic heritage, and the legacies of the famed Bordallo Pinheiro, and contemporary ceramic artists such as Armando Correia and Ferreira da Silva, among others, seeking innovative solutions for products associated with new applications in the traditional areas and new possibilities in urban regeneration / architecture / habitat.



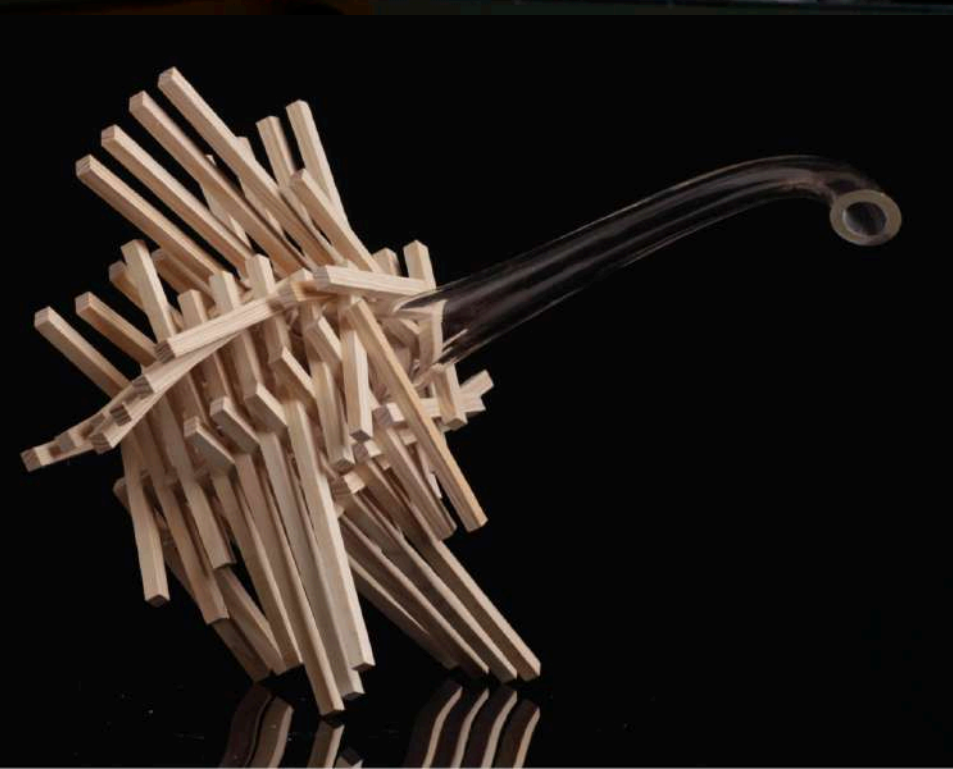












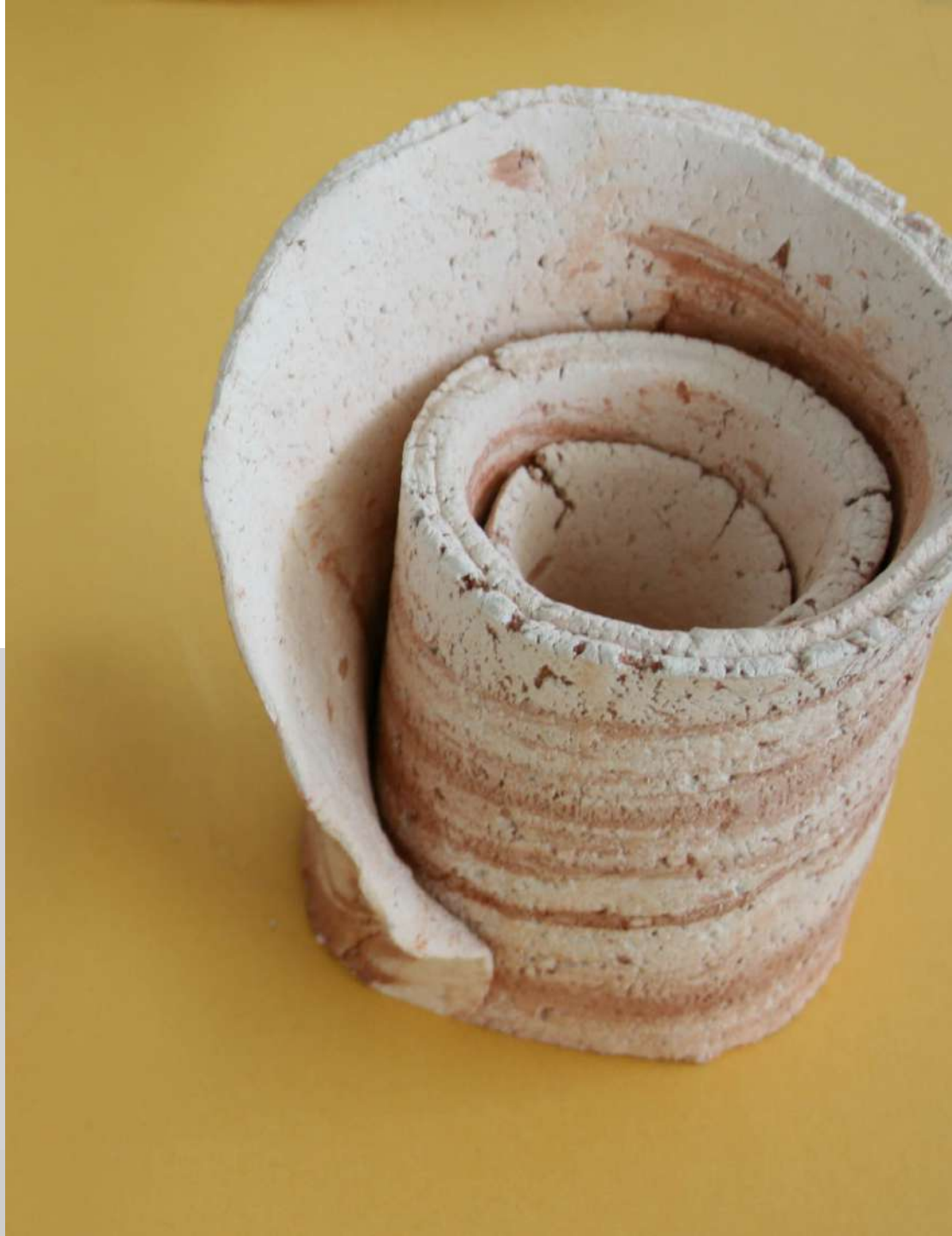


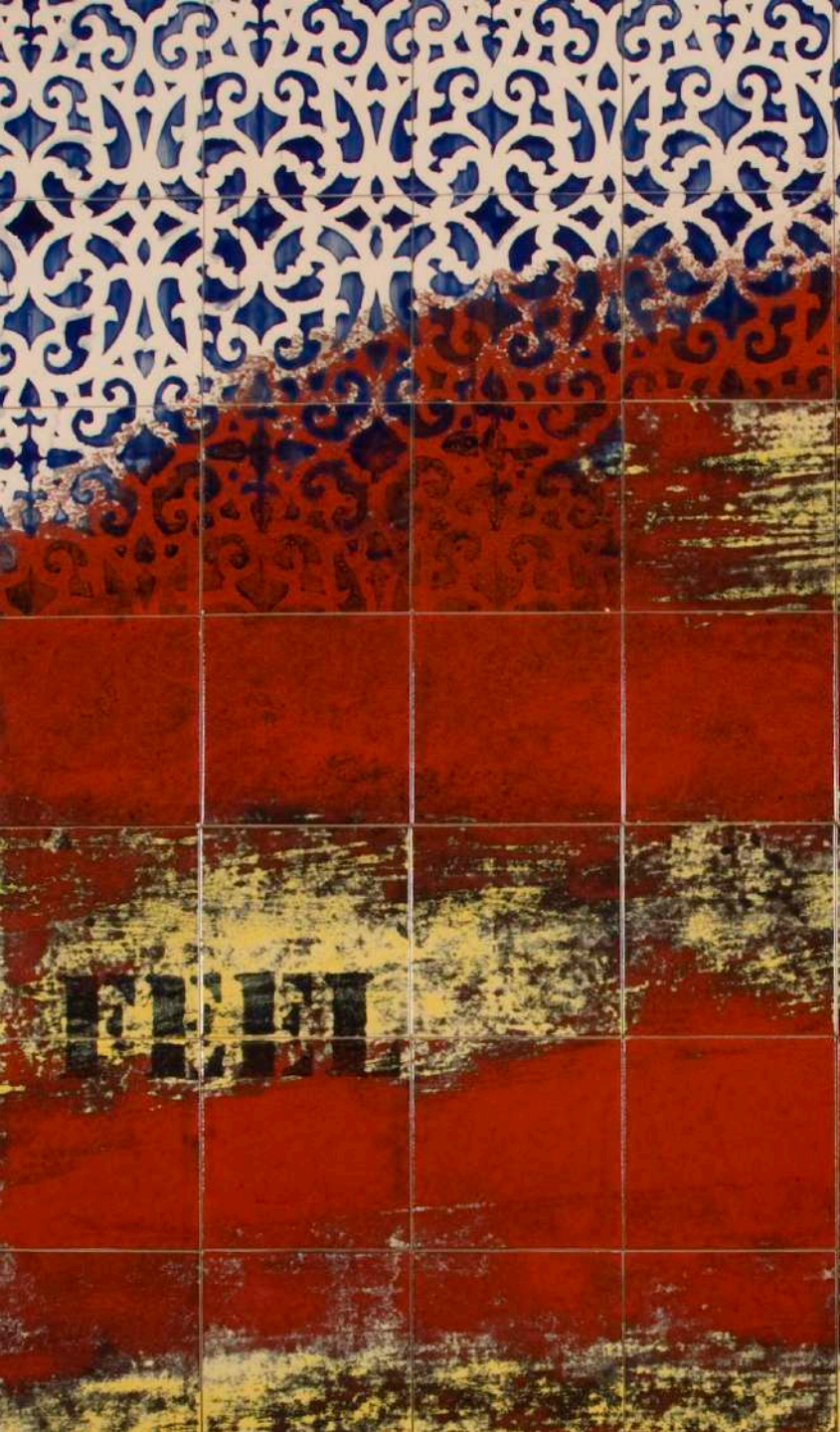
The course curriculum is structured to provide students with both theoretical knowledge and practical skills in the areas of design conceptualisation, drawing, product development, and material characteristics encompassing industrial and craft processes which are essential in the field of product design.

Educational practices promoted in most of the course subjects tend to implement the new learning process paradigm - Learning by Doing(LbD) based on critical and interactive collaborative dynamics and dialogue, , between lecturers and peers (ie the project subjects, exercises, examples of practical applications are shown, and students are encouraged to work autonomously, then a critical analysis of the results is made (in group), where the lecturer undertakes the role of tutor regarding the defined objectives)

In order to expand knowledge and practical skills ESAD CR has an ongoing partnership with CENCAL. The students gain professional and technological expertise in Ceramics (pottery, modelling and glazes) and also Glass (glass blowing, fusing, casting, pâte de verre and slumping).

In the last semester of the course students may opt either for the Final Project or internship in a company which allows the student to take advantage of ESAD CR's connections with industry. Since the beginning of the CE, it has been possible to expand the list of cooperating companies which now include: Bodum Portuguesa, Molde Faianças, Cerâmica Artística do Vale do Neiva, Vista Alegre, IGM / Arfai, Bordallo Pinheiro Factory, Bolota Cerâmicas and Cencal.







RESEARCH

ESAD CR strongly supports and encourages ongoing research in Ceramics:

InEDIC - Innovation and Ecodesign in the Ceramic Industry

(a project funded by the EU Lifelong Learning/Leonardo da Vinci Program, coordinated by LNEG-UPCS - National Laboratory of Energy and Geology, Sustainable Production and Consumption Research Unit, from Portugal, with core partners from three countries, namely Portugal

CENCAL – Professional Training Centre for the Ceramic Industry;

CPD – Portuguese Design Centre;

CTCV – Technological Centre of Ceramics and Glass;

ESAD.IPL - School of Arts and Design

Caldas da Rainha),

Spain

ITC – Instituto de Tecnologia Ceramica; PROSPEKTIKER

– Instituto Europeu de Prospecção)

Greece

ARVIS, Environmental Enterprises of Greece, SA

and Associated partners from the same countries

Cerâmica Moderna do Olival, Faria e Bento, Revigrés,

Costa Verde, from Portugal; Cartonajes la Plana,

Ceracasa from Spain,

and Volos VT Centre, 1st Volos Ceramic Workshop; 2nd

Volos Ceramic Workshop, Lehonía Ceramic Workshop,

from Greece.

<http://www.lneg.pt/iedt/projectos/317/>

<http://www.prepare-net.com/project/inedic-innovation-and-ecodesign-ceramic-industry>

DEGREN

**Centro Transfronterizo de Innovación
Empresarial en Ecodiseño en la EUROACE**

Partners:

INTROMAC - Instituto Tecnológico de Rocas
Ornamentales y Materiales de Construcción, Espanha
(Coordenador);
ANJE - Associação Nacional de Jovens Empresários,
Portugal;
Centro HABITAT - Cluster Habitat Sustentável, Portugal;
COLIEX - Colegio Oficial Ingenieros Industriales de
Extremadura, Espanha;
FUNDECYT-PCTEX - Fundación Fundecyt- Parque
Científico y Tecnológico de Extremadura, Espanha;
CTCV - Centro Tecnológico da Cerâmica e do Vidro,
Portugal;
Universidad de Extremadura, Espanha;
DiEx - Asociación de Diseñadores de Extremadura,
Espanha

http://www.degren.eu/?page_id=3556&lang=en

CP2S

Cerâmica, Património e Produto Sustentável
(Ceramics, Heritage and Sustainability) : From
education to industry,

Partners:

Instituto Politécnico de Tomar;
CENCAL - Centro de Formação Profissional para a
Indústria Cerâmica

Funding: FCT - Fundação para a Ciência e a Tecnologia,
CENTRO2020 - Operational Program of the Centre
Region

<https://www.facebook.com/bolsaCP2S.LIDA/>

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<https://sites.ipleiria.pt/projetocp2s/>

ESAD CR is also part of the **Clay Project** Stakeholders group, which involves a consortium comprising representatives from: Italy, Spain, Rumania, Finland, France, Portugal.

"CLAY - Cross Sector support for Innovative and Competitive artistic Ceramic SMEs" (INTERREG Europe - PGI05491), that in Portugal has the support of CCDR-Centro as the entity responsible for the management of the Operational Programme of the Centro Region (CENTRO2020)

<https://www.interregeurope.eu/clay/>,

and a member of **www.ROTASDECERÂMICA.pt** - Ceramic Industry - Scientific, Cultural and Industrial Tourism.



PROMOTION

Promotion of the course is through partnerships with companies, product launches, exhibitions, workshops, and debates which all contribute towards the projection of the image of the course.



OF REGIONAL SCOPE

Garrafeira Cerâmica Project redesign of the product
Company: Prélis, Maceira
2014

Junco Basket Redesign Project | COZ Art - Development of a proposal for repositioning the basketry product in junco
Partner: Alcobaça City Council / Social Welfare Center of the Parish of Coz
2016

Development of products inspired by Peniche bobbin lace, for the valorization and promotion of this lace as a reference of the city's identity
Partner: Peniche City Council
2015 and 2016

Development of table service in stoneware
Company: Molde Faianças, Caldas da Rainha
2015

Development of decoration for giftware | development of the piece for tasting of olive oil
Company: Spal, Alcobaça
2016

Public art intervention for façades in Praça da República
Partner: Caldas Rainha City Council
2015 / 2016

Renda Doce Development of typical cake from Peniche
Partners IPL (ESAD CR, ESTM),
Peniche City Council
2017

Development of proposals for urban furniture
Company: Bordallo Pinheiro Factory, Caldas da Rainha
2017

Proposal of public art intervention for the city of Peniche
Partner: Peniche City Council
2017

Iconic Mug
Company: Vista Alegre, Ílhavo
2018

Sardinhas de Bordallo Pinheiro | Public art intervention for the access ramp to La Vie Shopping Center, Caldas da Rainha
Partner: Wider Property
2018 / 2019

la Vie

CALDAS DA RAINHA
SHOPPING CENTER

SARDINHAS 2019 BORDALLO PINHEIRO

Intervenção artística no âmbito de parceria
entre WIDERPROPERTY S.A. e a EM.C.D. (R)
AUTORES
TITO SANCHO / MARIA LUIZARA BORT (conceção de projeto, desenho e escultura)
PAULO POMPA / TATIANA RODRIGUES (coordenação de projeto)
FINANCIADOR
WIDERPROPERTY S.A.
PATROCINADOR
SARACI FIL
APOIO LOGÍSTICO
JULIANA RITA KOTVANS
PRODUÇÃO
GRUPO VIMPERIA / FÁBICA ROBERTO PEREIRA
WIDER PROPERTY S.A. EM.C.D. (R) ACHAS



Exhibitions

Exhibition of students projects at Design Week / Design Center
Marinha Grande City Council
2014

Animated Surface # 1 | Exposition of joint work of the UC Laboratory of Matter Form and Color.
Grouping of schools Henriques Nogueira | Torres Vedras

EXIT 2016 and EXIT 2017 | Exhibition of works by alumni of the course | Integrated in Molda | Caldas da Rainha
Partners: ACCCRO; Caldas da Rainha City Council; Centro das Artes

INIT 2016 | Exhibition of work of course students | Integrated in Molda | Caldas da Rainha
Partners: City Council, Parish Council N° Sra. do Pópulo, Couto and São Gregório

Exhibition "City of Peniche Project - Local Design and Identity Art"
CMP Auditorium
Partner: Peniche City Council
2017

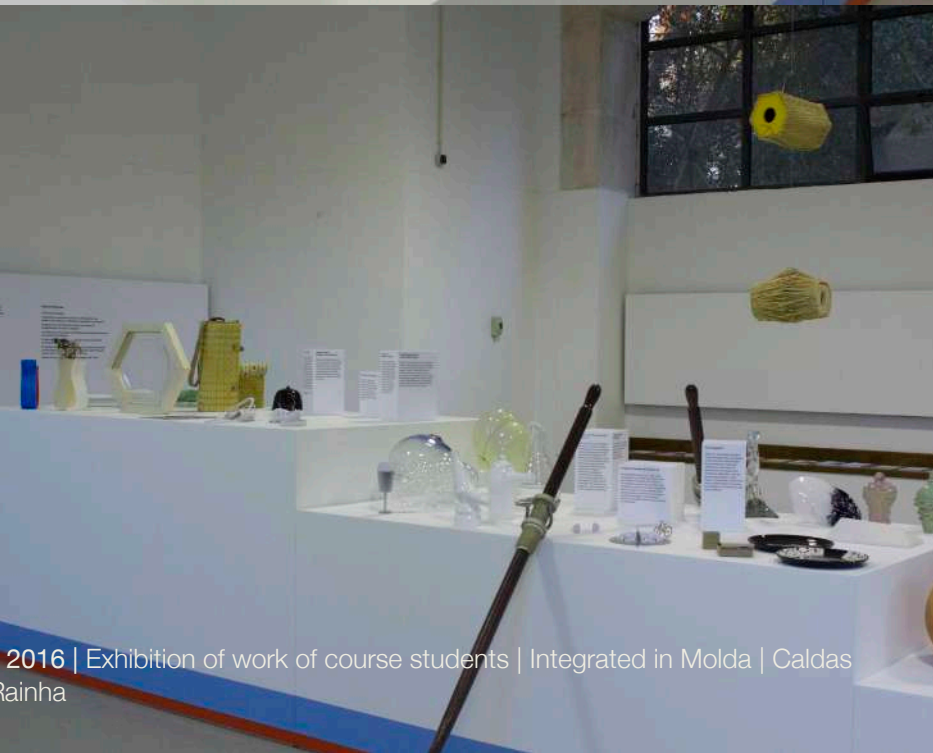
Leiria Design 2017 Product | Exhibition of projects by DPCV
Partner: Leiria City Council

Workshops

Festival de la Francophonie – ceramic workshop
Partners: Alliance Française / School Tourism and Hospitality and Tourism of the West / UFE
Center Ouest
2017

"Dare you" (social responsibility)
Partner: Community Resource Center; Santa Casa da Misericórdia da Caldas da Rainha
2017

Ceramics Workshop - Raul Proença Week / Cultural Week
Contact and dissemination of ESAD.CR courses with future students from the region and approaching the school to the external community
Raul Proença School | Caldas da Rainha
2017



Glass techniques workshop (held annually as complementary training for course of study students)
Protocol with CENCAL
Annual

Workshop on ceramic techniques (held annually as complementary training course of study students)
Protocol with CENCAL
Annual

Ceramics workshop
Centro Ciência Viva do Alviela - Carsoscopio – enhancement of the region's cultural heritage
Partner: Centro Ciência Viva do Alviela
2018

Conferences and Presentations

Ceramics, Innovation and Design (Integrated in the Molda 2016 event)
Caldas da Rainha

Design, Ceramics and Sustainability (Integrated in the Molda 2016 event)
Caldas da Rainha

History of the Faience in Portugal: New Approaches
(Integrated in the event Molda 2016)
Caldas da Rainha

Renda Doce presentation of the project to the local community | Peniche
Promoted by Peniche City Council
2017 | 2018

OF NATIONAL SCOPE

Exhibitions

"Animated Surface # 1" | Exposition of joint work of the UC Laboratory of Matter Form and Color
Library of the Nova University of Lisbon | Campus Caparica
2015

"Animated Surface # 1" | Exhibition of joint work of the UC Laboratory of Matter Form and Color.
Nucleus of Architects of the Region of Viseu
2016

IT - Ceramic and Glass Design Exhibition
City Council of Óbidos / Folio Festival
2018

Communications

The Design and the knowledge of the territory Science
2016 | Oral communication | Meeting with Science and
Technology in Portugal

OF INTERNATIONAL SCOPE

Workshop

Portuguese Ceramic Now! International Ceramics
Workshop (participants from Kuwait, Canada, Spain and
Portugal)
ESAD CR
2018

Glass and Nature - Symbiosis or Parasitism
Agnieska Bar and Antonina Joscuck | Academy of Fine
Arts and Design | Poland
ESAD CR

Mission Impossible - Globe Protocol (integrated in event
MOLDA2016)
Edwin Datschefski * | BioThinking International
ESAD CR

Discontinuity - Design for Sustainability Towards the Food
Packaging Sector in Autoservice
Dulce Albach | Federal University of Paraná, Brazil
ESAD.CR



IT - Ceramic and Glass Design Exhibition
City Council of Óbidos / Folio Festival
2018

Over glaze Decorations on Porcelain

Eugenia Loginova | Art Academy of Latvia | Latvia
ESAD CR

2017

Levni Ando his traditional patterns - traditional
Turkish art

Fatma Korkmaz and Duriye Kozlu | Eskisehir-
Osmangazi University Turkey
ESAD CR

Conferences, open classes | Internationalization

Glass Design in Dialogue with Nature

Open Classroom | Agnieszka Bar | Academy of Fine Arts and
Design | Poland
ESAD CR

Arty Glass Installation

Open Classroom | Antonina Joscuck | Academy of Fine
Arts and Design | Poland
ESAD CR

Pottery walls | tiles in urban environments Open

Classroom, | Carla Lobo
Art Academy of Latvia
2017

Entrepreneurship in the field of Creation and Design

Open Classroom | Ana Maria Sainz Gil | Universidad del Pais
Vasco, Facultad Bellas Artes |
ESAD CR
2018

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