



Editorial

As coordinator of the Re-UNITA project and UNITA WP4, UPPA is truly proud to contribute to the dynamism of research within the UNITA Alliance.

Our efforts and the excellence of our research and training activities have been recently rewarded by the funding of our project I-site "Energy and Environment Solutions (E2S)" which places UPPA among the 17 French universities of excellence.

This newsletter allows us to present flagship projects in the UNITA themes, which shows the dynamism of the research within our alliance: in the fields of circular economy and renewable energies, the works on the valorisation of biomass and waste, and the project presented by Brice Bouyssière (laboratories IPREM and TREE from UPPA) on the circular economy around waste. In the same spirit, the work of Monika Woloszyn, full professor at USMB, specialist in building energetics, will be highlighted.

Our Alliance also aims to attract talented young researchers. The PhD student to be honoured this month is Mălina Duță, from UVT, whose thesis in cultural heritage is entitled The Discourse of Refugees in Romania: Identity as Negotiation between the Gaze of Others and Self-definition.

Highlighting our efforts to reinforce the science-society dialogue, we are very pleased to announce the launch of the U*night project, a new UNITA constellation project, during which we'll organise a common "European Researcher's Night" UNITA.

Many local events and activities will be organised in rural and mountainous areas, so that citizens and civil society have a better understanding of the research carried out in our universities.

As a conclusion, I invite you to join us every Thursday at noon for the "UNITA weekly Talks". Each week, a UNITA research project will be presented, during 30 minutes. More information on [UNITA channels](#).

Let's energize our UNITA community!

Isabelle Baraille
Vice-Rector of the Research Commission
University of Pau and the Pays de l'Adour

Cultural Heritage



RheA, The Research Center for Heritage and Anthropology at UVT

Significant for the activity carried in the field of intangible cultural heritage, RheA, the Research Center for Heritage and Anthropology was formally established at UVT in 2015. Its main goal is the promotion of heritage in the region of the Banat and of cross-border cultural cooperation in the Euroregion that includes the western part of Romania, Serbia and Hungary. Coordinated by Professor Otilia Hedeșan, RheA carries research and fieldwork with an interdisciplinary opening (ethnology, anthropology, cultural heritage, film, architecture, landscape design, Romanian studies). The RheA members are researchers from UVT, other Romanian universities, Romanian NGOs, as well as specialists from Hungary, Serbia, the Republic of Moldova.

For more information, visit <https://www.rhea-uvt.org/proiecte>

Circular Economy



Chemists, actors of Circular Economy

Some researchers of EDYTEM, a laboratory from USMB and CNRS develop some innovative projects on biomass and waste valorization to produce added-value molecules through local, multi-actor and pluridisciplinary programs. Based on several examples from the lab or from the literature, they have proposed five levels to consider showing how chemistry can contribute to the circular economy approach in order to improve our current and future economical, societal, and environmental system.

For more information:
https://www.chemistryviews.org/details/ezine/11267333/Chemistry_and_the_Circular_Economy/

Renewable Energies



Circular economy around agricultural waste - Brice Bouyssiere (Full professor at UPPA)

Agricultural waste such as rice husk or rice straw can contain up to 20% of silica. Presently there is no real spinneret to use these kinds of waste.

This waste can contain up to 20% of silica in weight making them interesting to produce silica particles or nanoparticles (NPs).

With the team of Prof. Jimmy Castillo at the Central University of Venezuela we are working with TotalEnergies on the uses of such biogenic nanoparticles as adsorbent. By optimized pyrolysis and a dedicated pretreatment, with this waste, we are working on the production of biooil and biogenic NPs.

Under the [EDENE Project](#), Alba Rodriguez Otero is working on the uses of this NPs for waste water treatment.

PhD student of the month



Mălina Duță is a PhD student specializing in Cultural Heritage, currently doing research for the doctoral thesis entitled The Discourse of Refugees in Romania: Identity as Negotiation between the Gaze of Others and Self-definition.

The research conducts comprise discourse analysis, fieldwork and a qualitative approach requiring a good understanding of the boundaries one can or cannot cross when it comes to working with human subjects.

The events linked to the increased influx of refugees arriving in Europe have driven the PhD student to analyze not only how refugees perceive their own situation, but also the reaction of local people.

Mălina Duță's profile of academia.edu:
<https://uvt-ro.academia.edu/MalinaDuta>

IoSEFIM, research grant conducted by Mălina Duță in 2021 with LOGS association:
<https://grupullogs.ro/iosefim/>

Woman researcher of the month



Monika WOLOSZYN, LOCIE Laboratory, University of Savoie Mont Blanc

Monika is full professor at the University Savoie Mont Blanc (USMB) at Polytech Annecy-Chambéry and at the [LOCIE](#) laboratory.

Specialist in building energetics, Monika has developed a real expertise in coupled heat and mass transfers in building envelopes and on solar energy. In her work, she combines experimental and numerical approaches at several scales: material, wall, building. Monika is the director of the [Graduate School Solar Academy](#).

Highlights

Best Researchers are in Unito. Will you?

The University of Turin, Italy - launches BRAIN UNITO - Best Researchers Are In Unito - the first talent attraction programme for top candidates interested in applying to the Horizon Europe MSCA-Postdoctoral Fellowships call with the University of Turin as future host institution.

A free online training programme specifically built to enhance the skills of the 30 top researchers selected and a personalised support will be offered.

Candidates interested in participating in the MSCA@UNITO programme must complete the application form ([link](#)) before 20th May 2022 at noon (CEST).

Open Call for bilateral cooperation Portugal-France 2023/2024 - PESSOA program, Deadline 09/06/2022!

PESSOA is a Portuguese-French program, managed in Portugal by the Foundation for Science and Technology and in France by CAMPUSFRANCE.

The PESSOA Program has as its main objective the implementation of scientific and technological exchange of excellence between research laboratories of the two countries, favoring the emergence of new teams and new cooperation topics.

For the exchange of researchers within the scope of common research projects, the program funds travel and staying costs of the Portuguese team in France (2000€/ano).

For more information and applications:

<https://www.fct.pt/apoios/cooptrans/pessoa/index.phtml.en>

<https://www.campusfrance.org/fr/pessoa>