



Re-UNITA

# RESEARCH Newsletter

## Editorial

Great start of this new academic year for Science with and for the society (SAPS)!

Last spring, UPPA has obtained the SAPS (Science Avec et Pour la Société) labellisation from the French government. Following this, the beginning of this academic year was full of activities with the European Researchers' Night, with at the UNITA level "Unight" and, at the national level the "Fête de la Sciences".

For the first edition, U\*night has been successfully organized with some *Scientific cafés* disseminated in rural places usually used for some of them, but also original places as one in a mountain refuge (conference on Climate change) or in a Castle (conference on the history of the Buzet winery).

A *speed searching* night was also organized at the Pau Castle with Lacq Odysée, the local scientific dissemination association, with the participation of 40 researchers from UPPA and around 700 visitors.

October was also the month of the "Fêtes de la science" with 4 *science villages* organized in different places (Hendaye, Mourenx, Mont de Marsan and Pau) with the involvement of 20 researchers and the attendance of 4,000 visitors. We were lucky to have the presence of Alain Aspect (Nobel Prize in Physics 2022), mentor of the event, who opened the science village with a "pieds dans le sable" conference.

We have now the time to prepare the next edition of U\*night and "Fête de la Sciences" in order to continue to improve the link between sciences and society.

During that time, since January 2022, we have also set up the podcast "Sciences Ouvertes" dedicated to the presentation, to a large audience, of the research project made by scientist of UPPA. All these podcasts are in link with the five interdisciplinary mission design in the UPPA plan 2020-2026. I can already give you an appointment, in beginning of 2023, for the first edition of the journal dedicated to sciences dissemination by comics that is on the point to born at UPPA.

Brice BOUYSSIERE

Delegate Vice-President to science with and for society and open science  
Université de Pau et des Pays de l'Adour

## Cultural Heritage



### A ROMANIAN DIGITAL REPOSITORY ON FOOD: TURNING HERITAGE KNOWLEDGE TOWARDS SOCIETY

Project funded by The Executive Unit for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI)

The project aims to establish a heritage knowledge base relevant in the field of Romanian food heritage by connecting two digital information resources previously created and by enriching their content as a result of valorizing previous field researches, as well as by adding new content resulting from proper field researches carried out during the implementation period of the project. Newly created knowledge base provides information presented in the form of documents, video or audio recordings, containing receipts, stories on food or ingredients etc. The project is aiming to create a national repertory of food heritage. Project is implemented by a consortium made of institution with complementary expertise, having a geographic national coverage: West University of Timisoara as Coordinator, Vasile Alecsandri University from Bacau, Romanian Academy Cluj Napoca Branch and Stefan cel Mare University from Suceava. A series of activities, such as field research campaigns that cover representative communities for major ethnographic regions from Romania (Banat,

## Circular Economy



### How can coffee grounds become a high added value resource?

The VALORWaste project, led by the EDYTEM laboratory, proposes to valorize coffee grounds, the daily waste of restaurant owners, via a unique process using supercritical CO<sub>2</sub> to extract and separate high value-added compounds for cosmetic and nutraceutical applications.

Supported by the Auvergne Rhône Alpes Region and the USMB Foundation, the project won in last July the Out of Labs Challenge, organized by [SATT Linksium](https://satt-linksium.com), which rewards technology transfer projects.

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## Renewable Energies



### Project OPTIMETH

The project aims at optimizing the daily operation of a process producing methane from renewable sources. Mathematical modelling of Anaerobic Digestion and subsequent gas cleaning with valorization of the carbon dioxide (by addition of green hydrogen), produced during AD are considered. The overall process is highly dependent upon the transient composition of the incoming waste and fluctuating weather conditions, which requires continuous optimal operation.

The project takes place in the frame of a cotutelle between UPPA and UNITO.

[https://marias.perso.univ-pau.fr/Newsletter\\_RE](https://marias.perso.univ-pau.fr/Newsletter_RE)

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Bucovina, Moldova, Muntenia, Transilvania) and for several historical Romanian communities from abroad (e.g.: Bulgaria, Hungary, Serbia, Ukraine etc.) and Republic of Moldova were carried out within past two years.

<https://hera.uvt.ro/>

## PhD student of the month



**Alexandra Burdulea**  
PhD student at UVT and UPPA

Alexandra Burdulea is currently working on her PhD thesis entitled “Circular Economy in the EU - a legal analysis between consumers’ awareness and competition law”, carrying out her research within the European Law department of the Faculty of Law of the West University of Timișoara (UVT) and the TREE laboratory of Université de Pau et des Pays de l’Adour (UPPA). The thesis is co-supervised by professors Raluca Bercea (UVT) and Jean Gourdou (UPPA).

The focal point of the research concerns the legislative and regulatory challenges of circular economy implementation at European Union level, focusing on the possible impact over consumers, as the final beneficiaries of circular economy, as well as the impact on the current competition law framework.

The project analyses the possible challenges posed by circular economy to the functioning of the European Single Market, starting from the premise that a shift from our current linear economic model is expected to create a ripple effect on correlative EU law areas of competence.

<https://drept.uvt.ro/centrul-de-drept-comparat-si-interdisciplinaritate-cdci.html>

<https://tree.univ-pau.fr/fr/index.html>

## Woman researcher of the month



**Dominique Lagorgette**, USMB

Dominique Lagorgette is a professor in language sciences at USMB.

Honorary junior member of the Institut Universitaire de France, she is currently in charge of the [ANR LIBEX](#), which federates interdisciplinary work in law, linguistics, literature, history and philosophy of French and Quebec researchers specializing in the notions of freedom of expression, freedom of creation, and discrimination. In parallel, Dominique studies detective fiction and participates in the UNITA network [ROM’POL](#).

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## Highlights

### UNITA Innovation Prize 2022 - Applications

- Applications must be sent before November 18, 2022 to [prize.unita@univ-smb.fr](mailto:prize.unita@univ-smb.fr), with a report of maximum 10 pages (in PDF format);
- An application form has to be filled using this [link](#);
- The results will be published on December 9, 2022;
- Are eligible: the research teams of the 6 UNITA universities, the startup and spin-off companies that belong or are attached to their incubators;
- Each university organizes an internal selection of the candidates and sends one application per prize, for the final competition;
- Two prizes: €3,000 (for the UNITA hub themes: circular economy, cultural heritage and renewable energies) and €2,000 (for the other themes).