COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania

ROMANIAN ACADEMY

“PETRU PONI” INSTITUTE OF MACROMOLECULAR CHEMISTRY

41 A, Grigore Ghica Voda Alley
700487 Iasi, Romania
Tel.: +40-232-217454; *260332, *260333, *260334
Fax: +40-232-211299; e-mail: pponi@icmpp.ro

Basic research in polymer chemistry and physics,
macromolecular materials science
Applied research. Technological transfer. Small scale production
Didactic activity – doctoral and postdoctoral specialization
Consulting
Services

The “Petru Poni” Institute of Macromolecular Chemistry is an Institute of excellence of the
Romanian Academy. Established in February 1949, the Institute has a long tradition of over
fifty years in fundamental and applied research in the field of organic and inorganic chemistry,
polymer chemistry and physics.
Located in Copou Hills and extended on an area of ten thousand square meters (laboratories of synthesis and physico–chemical analysis, conference hall, library, production units, mechanical and electrical workrooms), with a research team whose achievements (papers, patents, participation at national and international meetings, technologies elaborated and implemented in industry) are recognized in Romania and abroad, the Institute is for many years in the first line of the Romanian research and covers practically the whole area of macromolecular compounds science and technology, as well as of polymeric materials. Our portfolio contains more than 1000 scientific papers published in the last ten years (most of them in international journals) and over 100 projects achieved in cooperation with partners from abroad. National contracts: External Contracts:

Iasi

Iasi is the capital of Moldavia, one of the most interesting regions of Romania, a land with mature traditions and a culture containing the root of CUCUTENI, almost 6000 years ago. Today the Moldavian universe is a synthesis of Romanian’s history, always open to the great cultures of the world and adapting in time, their rich influences inside the Moldavian art and spiritual life. The traditional Moldavian style is remarkably integrated in the architectures of our famous churches and monasteries, small in size but rich in frescoes including spiritual and ethical connotations in each detail.

Over the past, history, culture and religious life have molded the city's unique character. Iasi boasts an impressive number of Orthodox churches, almost 100, most of them located in the so-called Golden Plateau. The oldest, the Princely Saint Nicholas Church, dates from the reign of Stephen the Great (Stefan cel Mare, 1457-1504). The finest, however, are the 17th century St. Paraschiva Metropolitan Cathedral and Trei Ierarhi Church, the last a curious example of Byzantine art, erected in 1635-1639 by Vasile Lupu. Its outer walls and twin towers are intricately carved in what many think of as stone lace.

The city prides itself with publishing the first Romanian newspaper and establishing the first Romanian university. Today, Iasi is home of five universities.
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania

Places to Visit

**Palace of Culture (Palatul Culturii)**
*Address: Piata Stefan cel Mare si Sfant 1*
*Museum under construction*
This remarkable construction (1906-1925), built in flamboyant neogothic style, stands partly on the ruins of a medieval royal court mentioned in documents dating from 1434. Today, the 365-room palace houses the Gheorghe Asachi Library and four of the city's museums: the **Moldavian History Museum**, the **Ethnographic Museum**, the **Museum of Art** and the **Museum of Science and Technology**.
St. Paraschiva Metropolitan Cathedral (Catedrala Mitropolitana Sfanta Paraschiva)
Address: Blvd. Stefan cel Mare si Sfant 46
Open: Mon. - Sun. 9:00am - 8:00pm
Free admission

Built in Italian Renaissance style, the St. Paraschiva Metropolitan Cathedral is the largest Orthodox church in Romania. Construction began in 1833 and ended in 1839, but its cupolas fell and the church remained in ruins until 1880, when, with the help of the Foundation of King Carol I, work started again, lasting until 1888. The vast interior was painted in 1887 by Gheorghe Tattarescu and the stained glass windows were completed by a Bavarian factory in Munich. In 1839, Vasile Lupu spent Moldavia's budget for the following year and a half to acquire the relics of St. Paraschiva from Constantinopole. The relics were moved to the Metropolitan Cathedral in 1889 after a fire damaged the Trei Ierarchi Church where they had originally been placed. The cathedral still uses one of the original bells in its northeast spire. Inside the bell, an inscription says it was made from four cannons captured from the Turkish army in the War of 1828-1829. Nearby stands the 18th century Old Metropolitan Church of St. George (Biserica Sfantul Gheorghe).
Every October 14, pilgrims from all corners of Romania and neighboring countries flock to Iasi to kneel before the blue and gold bier containing the relics of Saint Paraschiva, the patron saint of the cathedral.
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania

Church of the Three Hierarchs (Biserica Sfantilor Trei Ierarhi)
Address: Str. Stefan cel Mare 62
Open: Daily 9:00am - 1:00pm & 3:00pm - 7:00pm
Admission charge

The Church of the Three Hierarchs (constructed 1637 - 1639) is highlighted as a must-see in every guidebook. Nothing can prepare you, though, for its stunning ornate decoration: the entire exterior of the church is covered in delicate and intricate patterns sculpted into the stone and spread over 30 friezes. This "stone embroidery" is a mixture of western gothic, Renaissance and Oriental motifs.

Legend has it that the exterior was covered in gold, silver and lapis lazuli but centuries ago, when the Ottoman Empire tried to conquer Moldavia, the invaders sat the church on fire and melted all the gold. The original interior paintings were completed by Russian artists sent to Iasi by the Tsar. In 1882, the frescoes were removed when French architect Lecomte de Nouy set about redesigning the interior after several fires and six earthquakes damaged the structure. Original fragments of the frescoes are still preserved in the nearby Gothic Hall museum (Open: Tue.-Sun. 10am - 4pm. Admission charge).
The interior boasts the tombs of a number of famous Romanians, including the founder of this church, Vasile Lupu, Prince Alexandru Ioan Cuza, and Prince Dimitrie Cantemir. In 1994, the church reopened as a monastery. The three patron saints (Basil the Great, Gregory of Nazianzus and John Crysostom) are celebrated here on January 30.
Roznoveanu Palace/City Hall (Palatul Rozvoneanu/Primaria)
Address: Blvd. Stefan cel Mare si Sfant 45
This neoclassical Viennese-style palace was built in 1832 to the design of Gustav Frey Wald. Its façade was decorated with marble statues of mythological characters such as Diana and Apollo and it was said to be grander than all other mansions in Iasi. The palace burned down in 1844 and was rebuilt by Nicolae Rosetti Rozvaneanu. In 1891, the building became the City Hall but two years later, was transformed into a royal residence. Today, it once again serves as the City Hall.

Alexandru Bals House/ Moldova

Built in 1815 by Alexandru Bals, this house became the venue of choice for theatre performances in Iasi. On January 18, 1847, the famous composer, Franz Liszt, played here. In 1868, Monsignor Salandarie founded the Catholic Institute here, enlarging the building and adding a spacious extension, which today, houses the Moldavia Philharmonic. The old building is home to the George Enescu Conservatoire.

Philharmonic House (Filarmonica Moldova)
Address: Str. Arcu 13
Built in the late 19th century on the site of the old City Hall, this is one of the most elegant buildings in Romania. The architects were the Viennese Feller and Helmer who later built theatres in Cernauti and Sofia. Richly decorated in French-eclectic style, the theatre has one of the most splendid auditoriums in the country. It can seat 1,000 people and the acoustics are excellent. The theatre bears the name of the company’s founder, Vasile Alecsandri (1821-1890), a renowned Romanian poet, playwright, politician and diplomat. In 1934, Greta Garbo spent some time here in secret during her love affair with John Gilbert.

**National Theatre (Teatrul National Vasile Alecsandri)**
*Address: Str. Agatha Barsescu 18*

Commissioned by Ioan Cantacuzino between 1760 and 1765, the Old University Palace was badly damaged during a fire in 1795. Later renovated and converted into a royal residence, it remained in royal use until 1806. The stone arch in front of the palace dates from this period. On it, you can see the Moldavian coat of arms and a Cyrillic inscription spelling out the words *the door of hope*. In 1860, the building became home to the newly established University of Iasi and to the first public art collection in the country. Today, it houses the Medicine and Pharmacy College.

**Old University Palace (Vechea Universitate)**
*Address: Blvd. Independentei 35*
University on Copou Hill (Universitatea Alexandru Ioan Cuza)
Address: Blvd. Carol I nr. 11

The main university building was built between 1893 and 1897 on the site of the Great Theatre which had burned down. The Hall of the University, known as The Hall of the Lost Footsteps, served as a parliamentary debating chamber between 1917 and 1918. In 1967, the painter Sabin Balasa created a series of strongly romanticized frescoes for the arcades.

Central University Library (Biblioteca Centrala Universitara Mihai Eminescu)
Address: Str. Pacurari 4

Located at the base of Copou Hill, this triangular building with Doric columns and cupola was built between 1930 and 1935 to serve as the headquarters of King Ferdinand's Cultural Foundation. The building was decorated with Carrara marble and Venetian mosaics. By 1945, the Foundation library had become one of the biggest in the country with more than 300,000 volumes. Today, the library is the largest in Moldavia, with a great number of manuscripts and old books from the

In 1943, after a storm almost brought it down, the tree was encircled with metal bands. Ten years later, its hollow center was filled with cement. In 1991, when the bands were cut off and the heavy filling removed, people noticed that the tree had live roots growing inside the hollow centre. Copou has been a favorite place in Iasi for late afternoon strolls or morning walks since the second half of the 17th century. In 1834, Copou became the city's first public garden and in 1860, street lamps were installed for the first time. Allegedly, it was here, under his favorite linden tree, that the Romanian National Poet, Mihai Eminescu (1850-1889), wrote some of his best work. The tree stands to this day and a bronze bust of the poet has been placed next to it.
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania

Copou Park (Parcul Copou)
Address: The main entrance is Carol I Boulevard
Open: Mon. - Sun. 8am - sunset
Free admission

Botanical Garden (Gradina Botanica Anastasie Fatu)
Address: Str. Dumbrava Rosie 7-9
Tel: (232) 201.373
Open: Daily 10am - 9pm

Dating from 1856 and covering some 250 acres, Iasi’s Botanical Garden is the oldest and largest in Romania. An educational and scientific laboratory, the garden houses a precious and rich collection of trees and plants. It also offers numerous shady lanes to explore, rose and orchid gardens, a collection of tropical plants, cacti, carnivorous plants, natural springs and a lake.

CITY ESSENTIALS

Transportation

Iasi is easily accessible from Bucharest (Bucuresti) by plane (1 hour), train (approximately 6 hours) and car (approximately 6 ½ hours).
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28\textsuperscript{th}-29\textsuperscript{th} June 2010, Iasi, Romania

» By air Iasi International Airport (IAS)
Tel: (232) 271.570
Web: www.aeroport.ro

Airlines with service to Iasi:

*Direct flights from/to: Vienna*

**Time table**

- Mon-Sun, without Saturday:
  - VIE: 10.40 - IAS: 13.25
  - IAS: 15.20 - VIE: 16.15
- Mon-Sun, without Saturday has flights to Vienna and onwards 6 days per week.

**Carpat Air** - [www.carpatair.ro](http://www.carpatair.ro)
*Direct flights from/to: Timisoara(TSR)*

*Connecting flights (via Timisoara) from/to: Romania (Bucharest, Bacau, Cluj, Constanta, Craiova, Oradea, Sibiu, Suceava); France (Paris); Germany (Dusseldorf, Munich, Stuttgart); Greece (Athena); Hungary (Budapest); Italy (Bari, Bergamo/Milan, Bologna, Florence, Rome/Fiumicino, Venice, Verona, Torino); Republic of Moldova (Chisinau); Ukraine (Kiev, Lvov, Odessa)*

**Time table**

- Monday to Saturday:
  - IAS: 07.45 - TSR: 08.55
  - TSR: 15.15 - IAS: 16.25

**Tarom** [www.tarom.ro](http://www.tarom.ro)
*Direct flights from/to: Romania (Bucharest, Constanta); Austria (Vienna); Germany (Frankfurt); Italy (Bologna); Spain (Madrid); Switzerland (Geneva, Zurich)*

**Time table**

- Monday to Friday 4 flights each day:
  - OTP: 08.50 - IAS: 09.55
  - OTP: 11.35 - IAS: 12.40
  - OTP: 17.30 - IAS: 18.35
  - OTP: 21.20 - IAS: 22.25

- Saturday, two flights:
  - OTP: 17.30 - IAS: 18.35
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania

Sunday, 3 flights:
OTP: 11.35 - IAS: 12.40  IAS: 13.00 - OTP: 14.05
OTP: 17.30 - IAS: 18.35  IAS: 18.55 - OTP: 20.00
OTP: 21.20 - IAS: 22.25  Saturday, 2 flights:
IAS: 06.00 - OTP: 07.05
IAS: 18.55 - OTP: 20.00

Iasi to Bucharest:
Sunday, 3 flights:
Monday to Friday, 4 flights each day:
IAS: 06.00 - OTP: 07.05
IAS: 13.00 - OTP: 14.05
IAS: 18.55 - OTP: 20.00
IAS: 18.55 - OTP: 22.00

» By train

Iasi Train Station (Gara de Nord Iasi)
Address: Str. Garii 1
Tel: (232) 410.636 or 215.600

For the list of international trains with service to/from Romania please visit:
www.RomaniaTourism.com/Transportation.html#ByTrain

To check the latest train schedules for domestic routes please visit the website of the Romanian Railways: www.infofer.ro

Note: For departures from/to Bucharest please select Bucuresti Nord.

CFR's advance booking office (Agentia CFR Iasi)
Address: Str. Piata Uniri 10
Tel: (232) 242.620
Open: Mon. - Fri. 8:00am - 8:00pm; closed Sat. & Sun.

You can get train schedule information and make reservations up to 24 hours in advance at this office. Tickets for same-day travel can only be purchased at the station.

Train Route: Iasi - Bucharest
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28\textsuperscript{th}-29\textsuperscript{th} June 2010, Iasi, Romania

<table>
<thead>
<tr>
<th>Train Route: Bucharest - Iasi</th>
<th>Bucharest - Iasi</th>
</tr>
</thead>
</table>
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania

Tourist Offices
Iasi Tourist Information Centre
Address: Piata Unirii nr.12
Telephone: (232) 261.990
E-mail: turism.iasi@gmail.com

Hotels (recommended by the local organizers)

TRAIAN Grand Hotel ****
Piata Unirii Street, No. 1, Iasi
TRAIAN Grand Hotel Reservations:
Tel: +40 232 266 666
Fax: +40 232 212 187
E-mail: reservation@grandhoteltraian.ro
www.grandhoteltraian.ro

Select Hotel ****
Piata 14 Decembrie 1989, No. 2, 700123
Iasi
Tel: +40 (232) 210 715
Fax: +40 (232) 216 444
E-mail: officeselect@selectgrup.ro
www.selectgrup.ro

Best Western Astoria Hotel ***
1 Lapusneanu Street, Iasi

14
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania

STUDIS HOSTEL ***
Otilia Cazimir Street, No. 10, Iasi
Tel: +40-332-107.152
Fax: +40-332-107.154
E-mail: rezervari@hotelstudis.ro
www.hotelstudis.ro

Car rental
Cliven
Address: Str. Stefan cel Mare si Sfant 8-12, Iasi
Tel: (232) 258.326
Email: office@cliven.ro
Web: www.reservation.ro

EuroCars Romania
Address: Strada Aeroport 1 (Iasi Airport)
Tel: 0727 37 37 99
Email: office@eurocars.ro
Web: www.eurocars.ro

Public transportation

Iasi International Airport (IAS)
Tel: (232) 271.570
Web: www.aeroport.ro

Taxi companies
Delta Taxi - (232) 222.222
Euro Taxi - (232) 217.217
For You - (232) 222.444
Go Taxi - 944 or (232) 279.444
Taxi costs about 3 Euros.

Iasi Train Station (Gara de Nord Iasi)
Address: Str. Garii 1
Tel: (232) 410.636 or 215.600
Web: www.infofer.ro

CFR's advance booking office (Agentia CFR Iasi)
Address: Str. Piata Uniri 10
Tel: (232) 242.620
Open: Mon. - Fri. 8:00am - 8:00pm; closed Sat. & Sun.
COST Action FA0904: Eco-sustainable food packaging based on polymer nanomaterials
Conference and WGs meeting, 28th-29th June 2010, Iasi, Romania

Buses to / from “Petru Poni” Institute of Macromolecular Chemistry:
Traseul 28b: Piata ACB - Podu Ros - P. Eminescu - Rond Copou
Traseul 41: Rond Copou - Podu Ros - Rond CUG II
Traseul 43b: Rond Copou - Piata Independentei - Iulius Mall - T. Vladimirescu - CUG I

Trams to / from “Petru Poni” Institute of Macromolecular Chemistry:
Traseul 1: Rond Copou – T. Vladimirescu - Tatarasi – Rond Copou
Traseul 13: Rond Copou – Tg. Cucu - Tatarasi - T.Vladimirescu - Baza 3 - Bucshinescu

IASI - Useful Contacts

<table>
<thead>
<tr>
<th>Iasi Area Code (Prefix Iasi)</th>
<th>0232</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambulance (Ambulanta)</td>
<td>961</td>
</tr>
<tr>
<td>Police (Politia)</td>
<td>955</td>
</tr>
<tr>
<td>Fire Department (Pompierii)</td>
<td>981</td>
</tr>
<tr>
<td>Emergency Clinic Hospital (Spitalul Clinic de Urgente Iasi)</td>
<td>(232) 216.584</td>
</tr>
<tr>
<td>City Hall (Primaria)</td>
<td>(232) 267.582</td>
</tr>
</tbody>
</table>