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Prof. Belobrzeckaja-Costa L. N.

of the Course: "Special Materials for Industrial security", DiCheP "G. B. Bonino", Faculty of Engineering, Genoa State University.

Coordinator of "Euroscience" section in Italy;

member of NATO, member of UNICEF, member of the Nuclear Science of the Condensed Matter (143 scientist in the world), member of American Nuclear Society and so on.

Curriculum Vitae:

Master in Chemistry (Russia, Saint Petersburg University, Department of Chemistry, 1983). Thesis: "Detailed investigation of the chemical imidization reaction of polyamidoacid". Specialization in Organic and Macromolecular Chemistry.

Магистр Химии (Санкт Петербургский Государственный Университет, Химический Факультет, 1983 год). Дипломная работа: "Исследование реакции химической имидизации полиамидокислоты". Специализация: Органическая и Высокомолекулярная Химия.

Laurea in Chimica (l'Università Statale di San Pietroburgo, Dipartimento di Chimica, 1983). Il titolo della tesi : " Lo studio dettagliato della reazione chimica dell'immidisazione del poliacido". La specializzazione in Chimica Organica e Macromolecolare. La laurea in Chimica è stata riconosciuta nell'anno 1993 (l'Università degli studi di Milano).

PhD in Industrial Chemistry (Italy, Milan State University, Scientific Research Doctorate in Industrial Chemistry, Joint Honours in Industrial Chemistry, 1997). **Dissertation:** "Synthesis and studies of the relationship between structure and properties of conjugated polythiophenes for using in electronic devices". **Specialisation** in Organic and Macromolecular Chemistry, Conducting organic Materials and Engineering Chemistry.

Belobrzeckaja L.N. was as Professor in Visitor (Academic visitor) at the Institute of Macromolecular Chemistry CNR (Director Prof. G. Audisio) in Milan (Italy) during the scientific research studies of Doctorate in Industrial Chemistry.

PhD по Промышленной Химии (Италия Государственный Миланский Университет Научно-исследовательская Аспирантура по Промышленной Химии; Диссертация защищена на отлично в 1997 году).

Тема диссертации: "Синтез и исследование взаимосвязи между структурой и свойствами для проводящих

политиофенов, используемых в электронных устройствах". **Специализация:** Органическая и Высокомолекулярная Химия, Проводящие органические материалы и инженерная химия.

Белобржецкая Л.Н. была приглашена в качестве Профессора для выполнения Диссертационной Работы Институтом Высокомолекулярных Соединений Академии Наук Италии в г. Милане (Директор Института Проф. Гвидо Аудизио).

PhD in Chimica Industriale (Italia, l'Universita Statale di Milano, Dottorato di ricerca in Chimica Industriale, IX ciclo, 1993-1997). **Dissertazione:** "Sintesi e studio della relazione proprieta-struttura di politiofeni coniugati", relatore prof. G.Allegra, correlatori: Dr. Catellani, Prof.Gallazzi) Honores. **La specializzazione:** Chimica Organica e macromolecolare, materiali semiconduttori. Belobrzeckaja L.N. era Prof. in Visita presso ICM CNR di Milano in Via Bassini 22 (Direttore Prof. G.Audisio) durante il periodo del Dottorato di Ricerca in Chimica Industriale.

Prof. Belobrzeckaja-Costa has interests in Radiochemistry (common aspects) and undertakes individual practical projects in the research of Cold Nuclear Fusion and of Radioecology problems. She writes a lot of publications dedicated to history of chemistry.

Проф. Белобржецкая Коста интересуется Радиационной Химией (основные понятия) и проводит в жизнь индивидуальные, самостоятельные проекты в научно-исследовательской работе по Холодному Ядерному Синтезу и Радиоэкологическим проблемам. Кроме всего прочего, она пишет статьи, посвященные истории развития химической науки.

Prof. Belobrzeckaja Costa ha interesse in Chimica Radioattiva (Radioecologia e fondamenti dell'ecologia) e nella Sintesi di Fusione fredda. Inoltre Prof.Belobrzeckaja sta scrivendo le pubblicazioni dedicate alla Storia delle Scienze (Scienze Chimiche in modo particolare).

1997-2000 Fellowships for scientific research project of synthesis and characterization of conducting organic materials (thiophene's based molecules) at the Polytechnic of Milan and ICM CNR in Milan.

1997-2000 Финансовая поддержка научно-технических проектов по исследованию синтеза и характеристики органических полупроводящих материалов (в частности, полимерных и олигомерных материалов на основе тиофена) в Политехническом Университете и в научно-исследовательском Институте Высокомолекулярных соединений при Академии Наук Италии в Милане, Италия.

1997-2000 Contratti a tempo determinato per svolgere la ricerca scientifica dei materiali semiconduttori presso Politecnico e ICM CNR di Milano, Italia.

October 2002 Lectureships for "Synthesis and engineering design of conjugated conducting polymers and oligomers" at the Department of Organic Chemistry (Saint Petersburg University).

Октябрь 2002 Лекции на тему "Синтез и инженерный дизайн сопряженных проводящих полимеров и олигомеров" в Санкт Петербургском Университете на кафедре Органической Химии (Менделеевские чтения).

Ottobre 2002 Lecture-ship per "La sintesi e il design dei polimeri e oligomeri coniugati conduttori" presso l'Università di San Pietroburgo nel Dipartimento di Chimica Organica.

2000-2002 Teacher's experience: Inorganic Chemistry, Organic Chemistry, Chemistry of feeding supplying, Macromolecular Chemistry, Science and so on at the different high scientific colleges in Italy and as a lecture in the field of Organic conducting materials at the Chemical Department of the Saint Petersburg University and at the Institute of Physics (Petrodvorez, Saint Petersburg).

2000-2002 Преподавательская деятельность: Курсы по Неорганической Химии, Органической Химии, Химии Питания, Химия Высокомолекулярных соединений, Естественные Науки и т. д. , прочитанные в различных научных колледжах и выступления в качестве лектора по тематике Органические проводящие материалы на Химическом Факультете в Санкт Петербургском Университете, в Институте Физики и других Высших Учебных заведениях в России.

2000-2002 Le esperienze didattiche sono: i corsi di Chimica Inorganica, Chimica Organica, Chimica Macromolecolare, Scienze d'Alimentazione, Scienze Naturali ed ecc. presso i Licei ed Istituti professionali italiani. Le lezioni sulla scienza dei materiali presso L'università di Saint Pietroburgo, l'Istituto della Fisica ed ecc.

2003-2004 Prof. Belobrzeckaja-Costa has collaborated with the Scientific Research Centre "E. Piaggio" at the Engineering Department of Pisa State University, Italy and with the Academy of the Russian Sciences (the Enikolopov Institute of Synthetic polymer materials, RAN; INEOS of RAS; the Saint Petersburg University and so on).

2004-2005 At the moment Prof. Belobrzeckaja-Costa is teaching the modern course: "The special materials for industrial security" (the integrity course of official course: The chemical plants 2 and the instruments of the ecosupported projecting systems 1" at the Department of Chemical Engineering and processes at the Genoa State University (Genoa, Italy).

2003-2004 Проф. Белобржецкая-Коста сотрудничала с Научно-исследовательским центром "Э.Пьяджио" (Факультет Инженерной Химии Пизанского Государственного Университета).

При этом Проф. Белобржецкая-Коста собирается подать документы на соискание Докторской Степени в одном из лучших Российских Университетов - Государственном Московском Университете им. М.Ломоносова на Химический Факультет.

Кроме того, Проф. Белобржецкая пишет научно-техническую монографию и учебное пособие на тему "Химия неорганических и современных органических проводящих материалов".

2004-2005 Проф. Белобржецкая Коста преподает современный курс: «Специальные материалы для промышленной безопасности», интегрированный курс в официальное преподавание: «Химическое производство 2 и Инструменты проектирования экосистем 1» на Инженерном Факультете, Кафедра Инженерной химии и процессов, в Генуэском Государственном Унирвеститете.

2003-2004 Prof. Belobrzeckaja-Costa ha collaborato con il Centro di Ricerca Scientifica "E. Piaggio" presso l'Università degli studi di Pisa, Italia. Il lavoro della sintesi degli oligomeri tiofenici semiconduttori è stato svolto presso il centro di ricerca "PoloMagona" a Cecina (Italia).

2004-2005 Attualmente Prof. Belobrzeckaja Costa L. N. insegna il corso moderno, aggiornato e ad alta importanza tecnologica: "Materiali speciali per la sicurezza industriale"; integrativo dell'insegnamento ufficiale: "Impianti chimici 2 e Strumenti di progettazione ecosostenibile 1" (titolare: Prof. Marco Del Borghi) presso il Dipartimento di Ingegneria Chimica e di Processo "G. B. Bonino", Facoltà di Ingegneria, Università degli studi di Genova (Via Opera Pia, 15, 16145- Genova, Italia)

2004-2006 Prof. Belobrzeckaja-Costa L.N. ha presentato la lezione "D.I. Mendeleev. Il genio russo che fece progredire la scienza chimica" presso l'Università degli studi "Sapienza" (Roma, 10.2004) e sta scrivendo la monografia "Materiali "intelligenti" per la sicurezza" ed ecc.

Important Publications:

1. "Thin films of poly-3-(oxaalkyl)thiophenes by Langmuir-Blodgett technique", Larissa Belobrzeckaja, G. Bajo, A. Bolognesi, M. Catellani, "Synthetic Metals" 84 (1997) 195-196.
2. "Sintesi monomeri per polimeri coniugati utilizzabili in supercapacitori redox", M. Catellani, L. Belobrzeckaa, PS2-7, XIX Congresso Nazionale Ricerca e Tecnologia, Riccione, 9-14. 06.1996.
3. "Influence of Molecular Weight and Regioregularity on the Polymorphic Behavior of Poly(3-decylthiophenes), S.V. Meille, V. Romita, T. Caronna, A. J. Lovinger, M. Catellani, L. Belobrzeckaja, "Macromolecules ", voi. 30, number 25, p. 7898-7905.
4. "Effect of synthesis temperature and the length of alkyl substituents on photoelectrical properties of polyterthiophenes" E. M. Giroto, G. Casalbore-Micelli, N. Camaioni. M. A. De Paoli. A. M. Fichera, L. Belobrzeckaja, M. C. Gallazzi, "Journal of Materials Chemistry", 2001. 11. 1072-1076.
5. "Sintesi e caratterizzazione di pol(3-("ossimetil,5-ossipentametilen)tiofene)", L.Belobrzeckaja, M. Catellani, A. Bolognesi, G. Bajo, XII Convegno italiano di scienza e tecnologia delle macromolecole, 19-22 settembre 1995, Palermo, pages 525-528.
6. "Caratterizzazione termica e strutturale di poli(3-deciltiofeni) regioregolari, S.V. Meille, V. Romita, A. Farina, L. Belobrzeckaja, M. Catellani, XII Convegno italiano di scienza e tecnologia delle macromolecole. 19-22 settembre 1995, Palermo, pages 653-656.
7. "Synthesis and engineering design of the conjugated conducting oligomers and polymers", "Modern problems of organic chemistry", L. Belobrzeckaja-Costa (24 October 2002) Saint Petersburg State University.

• publications (September 2004-31.12.2004)


1. DEIPI3P "Synthesis and application of poly(3,3"-dipenthoxy-2,2"-bithiophene) in electronic sensor systems". D. De Rossi. C. Domenici. L. Belobrzeckaja-Costa. T. Biver. A. Monconi. F. Di Francesco. G. Pioggia "The International Conference on the science and technology of synthetic metals" 28 June- 2 July 2004, University of Wollongong (Australia)/1CSM04/.
2. "Semiconducting polymer materials based on 3,3"-dipenthoxy-2,2"-bithiophene & doped by the salts NaNO₃&CuNO₃,". Belobrzeckaja-Costa L, Khotina I.A.. De Rossi D.. Domenici C. Biver T.. Monconi A.. Di Francesco F.. Pioggia G. (P 35).
Modern trend in organoelement and polymer chemistry" International Conference named 50th Anniversary of A.N.Nesmeyanov, Institute of Organoelement Compounds (INEOS). Russian Academy of Sciences. Moscow. Russia. May 30 - June 4. 2004.
3. "Smart-polymeric bionical materials for "Green technologies". Novikov O.N.. Tsarik L. Ya.. Ulibin D.V.. Belobrzeckaja-Costa L. in Abstracts of International Scientific and Technical Conference. Murmansk State University. Murmansk 7-15.04.2004 . "Science and education-2004". p. 283-287.
4. "Room-temperature nuclear fusion materials for producing high energy effect in heavy water by electrolysis". L.N. Belobrzeckaja-Costa. M. Del Borghi. G. Delucchi, M. Fumagalli. A. Gil'man. ICCFII. Marseille. France 2004 (31 October-5 Novembre). Conference Internationale sur la Science Nucleaire dans la Matiere Condensee. p. 85.
5. "Security of AEP is important source of energy", "La sicurezza degli AEP può essere un'importante fonte dell'AEP di Chernobyl" L.N. Belobrzeckaja Costa, G.Delucchi. C. Pronzati. A.B. Gil'man. M. Fumagalli. G.Delucchi. Convegno Nazionale "626 Dieci Anni dopo: Novità e Prospettive", la Facoltà di Ingegneria. Villa Cambiaso), Genova (Italy). 6.07.2004.
6. "Smart-thiophene-based materials for the security technique development". "Materiali moderni a base di tiofene per lo sviluppo delle tecniche di sicurezza". L. N. Belobrzeckaja-Costa. G. Delucchi. C. Pronzati. M. Fumagalli. S. Delucchi. Convegno Nazionale "626 Dieci Anni dopo: Novità e Prospettive", la Facoltà di Ingegneria. Villa Cambiaso. Genova (Italy). 6.07.2004.
7. "Human brain - Radioactive Chemistry and Positron emission topography (PET) at the service of Nuclear Medicine" in Russian language. Prof. L.N. Belobrzeckaja-Costa. Prof. M. Del Borghi. Prof. G. Delucchi. Dr. M. Fumagalli. Dr. Alla B. GiFman. "Applying aspects of the chemistry of high energy" (II National Russian Conference. 26-28 October 2004). Russian academy of Sciences. Moscow. Russia, p. 9-10.
8. ""Utilization of polymeric waste via hydrogen in the reaction of sulfuration" (SC11-4-3A) "Journal of Sulphur Chemistry". Canada. Ontano. University of Guelph.
9. "Polymerization of 3-methoxythiophene by DC glow discharge" in Russian language. A. Drachev. A. GiFman. L. Belobrzeckaja-Costa. the 4th International Symposium: "Applying and Theoretical Chemistry of Plasma" (ISTAPC2005), Russian Academy of Sciences. Ivanovo. Russia. 13-17 May 2005.
10. "IR detailed investigation of the polymer structures of 3-methoxythiophene produced by plasma and poly-3,3'dipenthoxy: 2,2"-bithiophene obtained by the classical chemical synthesis". Prof. L.Belobrzeckaja Costa. Prof. M. Del Borghi. Ing. G. Delucchi. Dr. M. Fumagalli, Prof. Alla Gil'man, Dr. A. Drachev. . the 4th International Conference (Congress) : "Applying and Theoretical Chemistry of Plasma" (ISTAPC2005). Russian Academy of Sciences. Ivanovo. Russia. 13-17 May 2005.

11. "Polymerisation of 3-methoxythiophene by DC glow discharge". A. Drachev. A. Gil'man. L. Belobrzeckaja-Costa. International Symposium on Plasma Chemistry (ISPC-17). Canada. 7-12 August 2005.
12. "Polymerisation of 3-methoxythiophene by DC glow discharge" in Russian language. A. Drachev. A. Gil'man. L. Belobrzeckaja-Costa. Journal of "High Energy Chemistry" UDK. 541.64:547.673.5+621.384.5 (14 pages) accepted December 2004.
13. We are preparing the patent of using the new method of synthesis for oxythiophene derivatives with the Russian Academy of Sciences (we are waiting the answer enter 8.06.2005).
14. "The proposed model of Fullerene C70 with conducting poly-(2,2',3,3'-dipenthoxy-bithiophene)" L. Belobrzeckaja Costa, M. Fumagalli, G. Delucchi, 7th Biennial Workshop in Russia, the International Conference Fullerenes and Atomic Clusters; St. Petersburg, June 27-July 1, 2005.
15. Under analysing and studying - To be submitted: "Alarm danger concentration of Organochlorine contaminants in the food production and in water/soil system of the Irkutsk region near by Baikal lake" ("Euroscience" Conference 2006, Monaco) and two papers for the National Italian Conference, AIM (Napoli, 2005, September).

Pressed by:

- "Forum" newspaper – 7 articles (culture and history) Rome, Italy.
- "Il dinamismo di Boccioni", **L. Belobrzeckaja-Costa**, la collana dedicata "all'Arte Italiana" n.6 (2002), ed. San Pietroburgo Università e la partecipazione del Ermitage.

on this site www.belkosta.narod.ru:

 ["Il legame chimico forte: lo scienziato russo Prof. D. I. Mendeleev e lo studioso italiano di Genova Prof. S. Cannizzaro"](#), Kosta L. N., 'LENINGRADO Telegraph' (www.leningrado.com), Jule 25.2003 (Saint-Petersburg).

 ["Dmitrij Ivanovic Mendeleev. Il genio russo che fece progredire la scienza chimica."](#), L. N. Belobrzeckaja-Costa .

 ["Стихи для губернатора Санкт-Петербурга"](#). Проф. Белобржецкая Коста Лариса Николаевна.

 ["Human Brain - Radiochemistry for Nuclear Medicine and Radiobiology"](#). BelKosta.

 ["Пизанская Падающая Башня La Torre Pendente di Pisa"](#) - стихи. БелКоста.

 ["Il Dinamismo di Boccioni"](#), BelKosta, translater Dottoressa Silvia Bellocchio.

 ["Памяти Татьяны Владимировны Белобржецкой от Коста Л.Н."](#) - стихи. БелКоста.

[webDesign](#) = www.DOMINAS.fromru.com : look our new site '[оружейный магазин](#) & [охотничье оружие](#)'.