

## Curriculum vitae

### **I- Personal Information**

**Name: Rabi Behrooz Eshkiki**

**Date of Birth: 1967**

**Place of Birth: Noshahr, Mazandaran, Iran**

**Marital Status: Married**

**Assist. Prof of Wood & Paper Science & Technology Department, Faculty of Natural Resources & Marine Science, Tarbiat Modares University, Noor, Mazandaran, Iran**

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## **II- Education records:**

- 1) B.Sc. in Wood Science and Technology, Faculty of Natural Resources, Mazandaran University, Iran, 1986-1990.
- 2) M.Sc. in Wood & Paper Science and Technology, Faculty of Natural Resources & Marine Science, Tarbiat Modares University, Iran, 1991-1994.
- 3) Ph.D in Process chemistry and engineering, Grenoble National University of Technology, France, 2002-2006.

## **III- Research Interests:**

- 1) Lignocellulosics chemistry
- 2) Pulping and bleaching chemistry
- 3) Lignocellulosic nanotechnology

## **IV - Member of scientific Associations :**

- Member of Pulp and Paper Technical Association of Canada (PAPTAC)
- Member of Iranian Scientific Association of Wood & Paper Industries (ISAWPI)

## **V - Recent Publications:**

- Yousefi.Y., Latibari, A.J., Resalati, H., Eshkiki, R.B., 2002, Investigation on utilization of old jute bags for pulping, Iranian journal of natural resources, Vol.55, No.2, pp.203-209.
- Jalali, A., Hosseini, S.M., Akbarinia, M., Eshkiki, R.B., 2001, Comparison of pure and mixed stands of *Populus deltoids*, Pajouhesh & Sazandegi, No.58, Spring pp.82-88.

- Eshkiki, R.B., Mortha, G., Brochier, M-C., 2004, Investigation of lignin/kappa ratios in mixture of mechanical and chemical pulps and tentative explanations of the observed differences, 8<sup>th</sup> EWLP proceedings, August 2004, Riga-Latvia, pp. 191-194.
- Eshkiki, R.B., Mortha, G., Lachenal, D., 2006, A new fast and quantitative method for the titration of free phenolic groups in cellulosic pulps, 9<sup>th</sup> EWLP, August 2006, Vienna-Austria, pp.13-16.
- Eshkiki, R.B., Mortha, G., Lachenal, D., 2007, A new method for the titration of free phenolic groups in pulps, *Holzforschung*, Vol.61, pp. 242-246.
- Eshkiki, R.B., Mortha, G., Lachenal, 2008, Evaluation of chemical and mechanical pulps oxydability by the Kappa number test, 10<sup>th</sup> EWLP, August 2008, Stockholm-Sweden, pp. 270-274.
- Ghotbifar A., Kazemi Najafi S., Behrooz Eshkiki R., 2008, Physical and Mechanical Properties of Polypropylene Wood Flour/Glass Fiber Hybrid Composites. The 1st International Conference on Composites: Characterization, Fabrication and Application (CCFA-1), 15-18 Dec., Kish Island, Iran
- Behrooz, R., Ghasemi, S. Asadpour, G., 2009, High Consistency Hydrogen Peroxide Bleaching of CMP Pulps Using Magnesium Hydroxide, 15<sup>th</sup> ISWFPC, June, 2009, Oslo- Norway.
- Rabi Behrooz, Hamed Younesi and Mehran Jalilvand, 2009, Using Wastes of OCC Paper Recycling Mills, 11<sup>th</sup> International conference on environmental science and technology, 3<sup>rd</sup> - 5<sup>th</sup> Sept. 2009, Chania, Crete, GREECE.
- Rabi Behrooz, Maryam Rahimi, 2009, Wheat Straw as a Suitable Source of Cellulose Polymer, 9<sup>th</sup> International Seminar on Polymer Science and Technology, 17-21 Oct. 2009.
- Ghassemi S., Behrooz, R., 2010, Mg(OH)<sub>2</sub>-based Peroxide Pulp Bleaching: A new green process, 4<sup>th</sup> National Seminar on Chemistry and Environment, 27-28 April 2010, Bandar Abbass, Iran.
- Rabi Behrooz, Somayeh Ghasemi, Ghasem Asadpour, 2010, Using Mg(OH)<sub>2</sub> As an Alkali Source in Hydrogen Peroxide Bleaching of Chemi-Mechanical Pulp, 11<sup>th</sup>

EWLP, August 2010, Hamburg-Germany.

- Somayeh G., Behrooz Eshkiki, R., Fatehi P. and Ni Y., 2010, Impact of acid washing and chelation on Mg(OH)<sub>2</sub>-based hydrogen peroxide bleaching of mixed hardwoods CMP at a high consistency, *Bioresources*, Vol.5, No.4, 2258-2267.
- Hemmat Abadi H., Behrooz R., Mohebbi B., Turbidity and BOD Removal of a paper recycling mill effluent by electro-coagulation technique, *Desalination and water treatment*, *In press*.

**VI- Others:**

- 1) Member of scientific committee of Wood and Paper Department from 2007.
- 2) Head of Wood and Paper Department from 2008 (Currently).
- 3) Research Deputy of Natural Resources and Marine Sciences Faculty from 2010 (Currently).