



## Eduardo Roque Budemberg

Address to access this CV:

<http://lattes.cnpq.br/5528617902631667>

Last updated: 09/24/2018

### Resume informed by the author

Graduated in Chemical Engineering at Universidade de Mogi das Cruzes (1980) and master in Material and Metallurgical Engineering at Faculdade de Engenharia Química de Lorena (2006). He has experience in Chemical Engineering, focusing on rubber, acting on the following subjects: rubber, clouth-type spring, latex, acoustic damping and wadding.

(Text informed by the author)

### Links to Other Bases:

[SciELO – Articles in full texts](#) 

### Civil name

**Full name** Eduardo Roque Budemberg

### Personal Information

**Parental Information** Waldermir Pedro Budemberg and Doralice de Oliveira Budemberg

**Birth information** 09/13/1956 – São Roque/SP – Brazil

**Identification document** 9281130 SSP S.P. – SP – 06/19/1975

**CPF Number** 985.334.108-59

**Residential Address** Rua Tancredo Neves, nº 116.  
Jardim Boa Vista – São Roque  
18132-420, SP – Brazil  
Phone number: +55 011 4712-3404

**Office Address** BUDEMBERG TECNOLOGIA DE ELASTÔMEROS (Eduardo R. Budemberg)  
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### Formal Education

2008 - 2013 Doctorate in Science with emphasis on Materials Engineering.

Escola de Engenharia Lorena, EEL – USP, Brazil  
 Title: Application of amorphous silic of SBR rice rusk.  
 Completion year: 2013

Advisor: Rosa Ana Conte 

2003 - 2006 Master in Material and Metallurgical Engineering.  
 Faculdade de Engenharia Química de Lorena, FAENQUIL, Lorena,  
 Brazil  
 Title: Characterization and applications of recovered carbon  
 black obtained for low temperature conversion of NR and SBR  
 tire.  
 Completion year: 2006

Advisor: Dra. Rosa Ana Conte 

1976 - 1980 Graduation in Chemical Engineering  
 Universidade de Mogi das Cruzes, UMC, Mogi Das Cruzes, Brazil

#### Complementary Education

2002 - 2002 Short Term Course in Capacitation in Teaching Methodology for  
 Teachers. (Course load: 32h)  
 Serviço Nacional de Aprendizagem Industrial, SENAI, Brazil  
 1989 - 1989 Short Term Course in Rubber and its technological aspects.  
 (Course load: 100h)  
 Associação Brasileira das indústrias de Borracha, ABIARB, Brazil  
 1984 - 1984 Short Term Course in Industrial Costs (Course load: 60h).  
 Informações objetivas., IOB, Brazil  
 1982 - 1982 Short Term Course in Technical Course in Rubber. (Course load:  
 100h)  
 Parabor Ltda., PARABOR, Brazil  
 1982 - 1982 Short Term Course in Industrial Organization and Administration.  
 Serviço Social da Indústria, SESI/FIESP, Brazil  
 1982 - 1982 Short Term Course in Fundamentals of Industrial Quality Control.  
 Federação das Indústrias do Estado de São Paulo, FIESP, São  
 Paulo, Brazil

#### Professional Experience

##### 1. Budemberg Tecnologia de Elastômeros Ltda. – BTE

Contract

Institutional

1993 - Current

Contract: Technical Consultancy, Position: Industrial Technical  
 Consultant, Working hours (weekly): 0, Schemes of job: Part-  
 time

Other information:

In this job, I provide technical consultancy to rubber technical

products manufacturer companies which are commonly used in the environment, industries, sugar and alcohol, mining and food.

. Universidade de Sorocaba - UNISO

Contract

Institutional

2010 - 2010

Contract: Celetista forma, Position: Biotechnology and Chemical Engineering Professor, Working hours (weekly): 8, Schemes of job: Part-time

3. Axios Produtos Elastômeros Ltda. - AXIOS

Contract

Institutional

1985 - 1993

Contract: Supervisor Chemical Engineer, Position: Chemical Engineering, Working hours (weekly): 40, Schemes of job: Full-time and exclusiveness  
Other information:  
Manufacturer multinational Company of Auto parts and industrial technical parts.

4. Supertintas Litovertly – SUPERTINTAS

Contract

Institutional

1984 - 1985

Contract: Chemical Engineer, Position: Chemical Engineer, Working hours (weekly): 40, Schemes of job: Full-time and exclusiveness  
Other information:  
Paints and colors development.

5. Cambuci S.A. - PENALTY

Contract

Institutional

1982 - 1983

Contract: Chemical Engineer, Position: Chemical Engineering, Working hours (weekly): 40, Schemes of job: Full-time and exclusiveness  
Other information:  
Producer company of sports material, where I worked in the rubber compounds manufacturing sector.

. Supertintaas S.A. - SUPERTINTAS

Contract

Institutional

1981 - 1982

Contract: Chemical Engineer, Position: Chemical Engineering, Working hours (weekly): 40, Schemes of job: Full-time and exclusiveness

## Areas of Expertise

### 1. Rubber

2. Chemical Engineering
3. Material and Metallurgical Engineering

## Languages

English      Basic understanding, basic speaking, fluent writing, fluent reading.

## S, T & A Production

## Bibliographic Production

## Articles Published in Scientific Journals

1. [doi](#) RUIZ, MARCOS ROBERTO; CABREIRA, PEDRO LUIZ SOBREIRO; **BUDEMBERG, EDUARDO ROQUE**; REIS, ELTON APARECIDO PRADO DOS; BELLUCCI, FELIPE SILVA; Job, Aldo Eloizo  
Chemical evaluation of composites natural rubber/carbon black/leather tannery projected to antistatic flooring. *Journal of Applied Polymer Science (Print)*. [JCR](#), v.133, p.43618 - 0, 2016.
2. [doi](#) RUIZ, MARCOS R.; **BUDEMBERG, EDUARDO R.**; DA CUNHA, GIOVANNI P.; BELLUCCI, FELIPE S.; DA CUNHA, HELDER N.; JOB, ALDO E.  
An innovative material based on natural rubber and leather tannery waste to be applied as antistatic flooring. *Journal of Applied Polymer Science (Print)*. [JCR](#), v.132, p.n/a - n/a, 2015.
3. [doi](#) SILVA BELLUCCI, FELIPE; SALMAZO, LEANDRA OLIVEIRA; **BUDEMBERG, EDUARDO ROQUE**; GUERRERO, ARIEL RODRIGO; AROCA, RICARDO FLAVIO; DE LIMA NOBRE, MARCOS AUGUSTO; Job, Aldo Eloizo  
Morphological Characterization by SEM, TEM and AFM of Nanoparticles and Functional Nanocomposites Based on Natural Rubber Filled with Oxide Nanopowders. *Materials Science Forum (Online)*. [JCR](#), v.798-799, p.426 - 431, 2014.
4. [doi](#) GARCIA, NELISSA GONÇALVES; DOS REIS, ELTON APARECIDO PRADO; **BUDEMBERG, EDUARDO ROQUE**; AGOSTINI, DEUBER LINCON DA SILVA; SALMAZO, LEANDRA OLIVEIRA; CABRERA, FLÁVIO CAMARGO; Job, Aldo Eloizo  
Natural rubber/leather waste composite foam: A new eco-friendly material and recycling approach. *Journal of Applied Polymer Science (Print)*. [JCR](#), v.132, p.n/a - n/a, 2014.
5. [doi](#) SANTOS, RENIVALDO J.; AGOSTINI, DEUBER L. S.; CABRERA, FLÁVIO C.; **BUDEMBERG, EDUARDO R.**; JOB, ALDO E.  
Recycling leather waste: Preparing and studying on the microstructure, mechanical, and rheological properties of leather waste/rubber composite. *Polymer Composites*. [JCR](#), v.35, p.n/a - n/a, 2014.
6. SANTOS, R. J.; AGOSTINI, D. L. S.; CABRERA, F. C.; REIS, E. A. P.; Ruiz, M. R.; BUDEMBERG, E. R.; [TEIXEIRA, SILVIO R.](#); [JOB, A. E.](#)  
Sugarcane Bagasse Ash: New Filler to Natural Rubber Composite. *Polímeros (São Carlos. Online)*. [JCR](#), v.24, p.646 - 653, 2014.
7. [doi](#) SANTOS, R. J.; CABRERA, F. C.; AGOSTINI, D. L. S.; BUDEMBERG, E. R.; Job, Aldo Eloizo  
Uprecycling leater waste. *SPE Plastics Research Online*. , v.1, p.1 - , 2014.
8. [doi](#) Job, Aldo Eloizo; BUDEMBERG, E. R.; BELLUCCI, F. S.; NOBRE, M. A. L.; J.A. Saja; Aroca R.F.; Pérez, M.A.R.  
Mechanical Properties of Vulcanized Natural Rubber Nanocomposites Containing Functional Ceramic Nanoparticles. *Science of Advanced Materials (Print)*. [JCR](#), v.5, p.637 - 646, 2013.
9. [doi](#) BELLUCCI, F. S.; SALMAZO, L. O.; [NOBRE, M. A. L.](#); [JOB, A. E.](#); SILVA, M. R. DA; BUDEMBERG, E. R.; RODRÍGUEZ-PÉREZ, M. A.  
Preparation and Structural Characterization of Vulcanized Natural Rubber Nanocomposites Containing Nickel-Zinc Ferrite Nanopowders. *Journal of Nanoscience and Nanotechnology (Print)*. [JCR](#), v.12, p.2691 - 2699, 2012.

## Total of Production

### Bibliographic Production

Articles published in scientific journal	9
Chapter published	2
Articles published in annals of events	16
Other bibliographic productions	6

### Technical Production

Technological Product (other)	6
Process or Technique (procedural)	3
Technical works (consultancy)	6
Short Term Course Taught (Improvement)	5

### Patent and Registry

Patent	2
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### Events

Participation in events (congress)	1
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### Other Relevant Information

- 1 All the courses have been taught openly and in company in the aforementioned fields since 1996, as per the companies and institutions, which serve as reference for biotechnological processes of the graduation's academic formation that enables one to work in the field of biologic and pharmaceutical processes and provide references of artifacts for this specific area.

Doctorate degree was done in Science of Materials applied to the environment. Post doctorate course is being done at UNESP of Presidente Prudente, where the Application of Nano particles in natural rubber will be intended to be the subject.

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