

## Session C2 - Grain-oriented and non oriented electrical steels II

*Tuesday, September 8*

- C2-01** Validation of a high efficiency AC rotating electrical machine magnetic circuit by particular tests at standstill  
*Samuel Lopez, Ludovic Lefebvre, Bertrand Cassoret, J.F. Brudny, J.N. Vincent*
- C2-02** Effect of hot band grain size on the texture evolution of 2%Si non-oriented steel during final annealing  
*Sebastião da C. Paolinelli, Marco A. da Cunha, André B. Cota*
- C2-03** Local ordering and magnetic anisotropy induced upon magnetic field or stress annealing in soft magnetic Fe-Si and Fe-Al alloys  
*Nikolai V. Ershov, Yurii P. Chernenkov, Vera A. Lukshina, Vladimir I. Fedorov*
- C2-04** Effect of warm rolling on textures of rolling and recrystallization in non-oriented 3% Si steel  
*Seil Lee, B. C. De Cooman*
- C2-05** Effect of strip thickness on magnetostriction of grain oriented silicon steel  
*Piotr Klimczyk, Philip Anderson, Anthony Moses, Martyn Davies*
- C2-06** On the correlation between microstructure, texture and magnetic induction in non oriented electrical steels  
*Juergen Schneider, Edgar Gomes, Kim Verbeken, Yvan Houbaert*
- C2-07** Magnetic properties of electrical steel sheets under various shape flux excitations  
*Shunji Yanase, Norio Kamegawa, Yasuo Okazaki*
- C2-09** Measurement of magnetic properties of non-oriented electrical steel sheet at liquid nitrogen temperature using single sheet tester  
*Daisuke Miyagi, Daizaburo Otome, Masanori Nakano, Norio Takahashi*
- C2-10** Magnetic quality texture and microstructure evolution during  $\alpha$ - $\gamma$ - $\alpha$  transformation in ULC steel sheeds  
*Jai Gautam, Roumen Petrov, Elke Leunis, Leo A.I. Kestens*
- C2-11** Study of iron loss characteristic of non-oriented electrical steel sheet under DC-biased magnetization  
*Daisuke Miyagi, Kuniyuki Kittaka, Masanori Nakano, Norio Takahashi*
- C2-12** Influence of compressive stress on magnetic properties of laminated electrical steel sheets  
*Daisuke Miyagi, Kohei Miki, Masanori Nakano, Norio Takahashi*

- C2-13**      Some properties of factors of specific total loss components in electrical steel with different degree of Goss texture  
*Wojciech A. Pluta*
- C2-14**      Magnetization processes in NO electrical steels  
*Felipe Bohn, André Gündel, Fernando J. G. Landgraf, Rubem L. Sommer*
- C2-15**      Influence of decarburation conditions on the magnetic properties of a electrical semiprocessed steel  
*Kleiner Marques Marra, Ed Juarez Taiss, Vicente Tadeu Buono*
- C2-16**      Grain-oriented electrical steel for segmented core motors  
*Takashi Terashima, Nobuo Shiga, Masayoshi Ishida*