



全权代表大会(PP-02)

文件 5(Add.18)-C
2002 年 9 月 17 日
原文: 英文

2002 年 9 月 23 日 – 10 月 18 日, 马拉喀什

全体会议

秘书长的说明

无线电规则委员会委员职位候选人选

根据第 3 号文件, 我荣幸地将附件中的无线电规则委员会委员职位候选人选提交大会:

莫斯塔法.阿勃戴尔.卡德.巴希.爱尔丁 (Mostafa Abdel-Kader BAHIE ELDIN) 先生
(阿拉伯埃及共和国)

秘书长
内海善雄

附件: 1 件

• PP-02 文件可在 <http://www.itu.int/plenipotentiary/index.html> 上查阅 •

埃及驻联合国常驻代表团
日内瓦

CHAN-2002-320

Place Des Nations
CH-1211 Geneva 20
国际电信联盟
传真：730 65 00

阿拉伯埃及共和国驻联合国及日内瓦其他国际组织常驻代表团向国际电信联盟（ITU）秘书处致意。并就 2002 年 9 月 23 日至 10 月 18 日在马拉喀什召开的国际电联全权代表大会上将要进行的无线电规则委员会的选举致信贵处。

阿拉伯埃及共和国常驻代表团荣幸地通知贵处埃及政府已决定正式推荐埃及电信监管局频率管理主任莫斯塔法.阿勃戴尔.卡德.巴赫.爱尔丁（Mostafa Abdel-Kader BAHIE ELDIN）博士竞选国际电联无线电规则委员会委员一职（附巴赫.爱尔丁博士的简历）。请将该候选人通知国际电联各成员国，埃及常驻代表团将不胜感激。

阿拉伯埃及共和国常驻代表团借此机会向国际电信联盟（ITU）秘书处致以最崇高的敬意。

2002 年 9 月 16 日，日内瓦

个人简历



个人信息

姓名：莫斯塔法.阿勃戴尔.卡德.巴希.爱尔丁
(MOSTAFA ABDEL-KADER BAHIE ELDIN)
职位：埃及电信监管局（TRA-Egypt）频率管理主任
地址：27 Mohie-Eldin Abou-Elazz st. Dokki, Cairo
出生日期：1951 年 12 月 16 日
婚姻状况：已婚，两女
国籍：埃及

专业背景

1974 年 6 月以优异成绩，获电子工程学学士学位。
1980 年 8 月在 MTC 获电子工程学硕士学位。
1985 年 4 月在美国乔治华盛顿大学获电子工程学博士学位。

职责

- 1- 埃及电信监管局（TRA-Egypt）频率管理处主任，
- 2- 埃及电信监管局频率顾问委员会委员，
- 3- 阿拉伯频率管理常设工作组副主席，
- 4- 曾出席 ITU-R、ITU-D 全国及区域性筹备会议。

工作经历

1985-2001 年 埃及多所大学的学术讲师，
1990-1998 年 通信系统技术评估顾问，
1991-2001 年 综合 IT 系统、局域网（LAN）及广域网（WAN）技术评估顾问，
2001 年- 埃及电信监管局频率管理主任。

发表论文列表：

1- M. Abdel-Samie, **M. A. Bahie-Eldin**, and A. Elosmany, "Improvements of anti-jam performance of spread spectrum systems," Proceedings of National Telecommunication Conference, NTC, C7.2.1-C7.2.5, Dece. 1981.

2- **M. A. Bahie-Eldin**, and A. Elosmany, "Interference effects of direct sequence-spread spectrum (DS-SS)

signal on voice AM and FM communication systems," Proceedings of Military Communication Conference, MILCOM 82, pp. 8.2.1-8.2.5 Oct. 1982.

3- M. Abdel-Samie, **M. A. Bahie-Eldin**, and A. Elosmany, "Improvements of anti-jam performance of spread spectrum systems," IEEE Trans. on Com. Vol.31, No.6, pp. 803-808, June 1983.

4- R. Lang, **M. Bahie-Eldin**, and R. Pickholtz, "The effects of weight-fluctuations on the performance of null-steering adaptive arrays," Proceedings of Military Communication Conference, MILCOM 84, Oct. 1984.

5- R. Lang, **M. A. Bahie-Eldin**, and R. Pickholtz "Stochastic effects in adaptive null-steering antenna array performance," Proceedings of IEEE Journal on selected area in com., Vol.SAC-3, No.-5, pp. 767-778 Sept. 1985.

6- M. A. Bahie-Eldin, R. Lang, and R. Pickholtz, "New analysis of the adaptive array performance in the presence of multiple interfering sources," Proceedings of Military Communication Conference, MILCOM 85, pp. 28.3.1-28.3.6 Oct. 1985.

7- M. A. Bahie-Eldin, and A. Elosmany, "Interference effects of frequency-hopping spread spectrum (FH-SS) signal on voice AM and FM communication systems," Proceedings of the 4th National Radio Science Conference, NRSC, pp. C2-1, C2-6, Nov. 1986, Cairo, Egypt.

8- B. Hawas, **M. A. Bahie-Eldin**, A. Elmoghazy, and M. Matar, "Code conversion: A state of the art survey," Proceedings of the 4th National Radio Science Conference, NRSC, pp. C3-1, C3-9 Nov. 1986, Cairo, Egypt.

9- M. A. Bahie-Eldin, and M. Eldemerdashy, "Bandwidth Optimization of the partial band noise jamming in FH/FSK systems," Symposium of defense technology, 1987.

10- M. A. Bahie-Eldin, and A. A. Mitkees, "Effects of the statistical weight fluctuations and mutual coupling on the directivity pattern of LMS array," Armed forces scientific research journal, Vol. XVII, No. 44, pp.55-58, Dace. 1988.

11- M. A. Bahie-Eldin, N. Elnadi, and M. Eldemerdashy, "Performance of frequency hopping spread spectrum system in simultaneous partial-band and repeat-back jamming," Proceedings of the 6th National Radio Science Conference, NRSC, pp. C22-1, C22-11, Feb. 1989, Cairo, Egypt.

12- Bahie-Eldin, E. Eweda, and I. Elnadi, "A modified partial band filter bank combiner for frequency hopping detection," Proceedings of the 6th National Radio Science Conference, pp. C22-1, C22-10, NRSC, Feb. 1989, Cairo, Egypt.

13- Bahie-Eldin, "Direct sequence-spread spectrum system behavior with sinusoidal envelope modulated interference," Proceedings of the 7th National Radio Science Conference, NRSC, pp. C13-1, C13-6, Feb. 1990, Cairo, Egypt.

14- A. Bahie-Eldin, R. Elawady, and L. F. Gerges, "Performance analysis of DS-MSK system in mobile radio communication", Proceedings of Military Communication Conference, MILCOM 91, pp. 39.4.1-39.4.4 Nov. 1991, VA., USA.

15- A. Bahie-Eldin, A. F. Hassan, and G. Youssef, "Mutual coupling effects on the performance of super resolution adaptive arrays," Proceedings of the 9th National Radio Science Conference, NRSC, pp. B1.1- B1.8, Feb. 1992, Cairo, Egypt.

16- A. Bahie-Eldin, S. Elkhamy, H. Elmotafy, and S. Sedky "Digital computer simulation of super resolution adaptive antenna arrays," Al-Azhar Engineering Third International Conference AEIC'93 Dece. 1993, Cairo, Egypt.

17- H.A Elmotafy, S. Elkhamy, **M. A. Bahie-Eldin**, and S. S. Rageh, "Nonlinear analysis of millimeter wave resistive frequency multipliers," Al-Azhar Engineering Third International Conference AEIC'93 Dece. 1993, Cairo, Egypt.

18- H.A. Elmotafy, S. S. Rageh, S. Elkhamy, and **M. A. Bahie-Eldin**, "The effect of diode parameters on the performance of the millimeter wave up converters," Proceedings of the 10th National Radio Science Conference, NRSC, Feb. 1993, Cairo, Egypt.

19- E. Mohamed, **M. A. Bahie-Eldin**, and S. T. Soliman, "Processing FSK/FH Signals with unknown code," Proceedings of the international conference on mathematical analysis and signal processing, Cairo University, Jan. 1994, Cairo, Egypt.

20- M. A. Bahie-Eldin, "Comparative performance of different adaptive super resolution array algorithms", Proceedings of Military Communication Conference, MILCOM 94, pp. 26.4.1-26.4.5 Oct 1994, NJ. USA.

21- E. Mohamed, S. Geninna, **M. A. Bahie-Eldin**, and S. T. Soliman, "Digital computer simulation for blind de hopping of FSK/FH signals," Proceedings of the 12th National Radio Science Conference, NRSC, pp. C41.1- C41.8, March 1995, Alexandria, Egypt.

22- M. A. Bahie-Eldin, "Adaptive array super resolution: control-loop noise," Proceedings of 6th ASAT, pp. AV.5.287-AV.5.301, MTC May 1995, Cairo, Egypt.

23- M. A. Bahie-Eldin, "Signal characterization effect on adaptive super resolution algorithms", Proceedings of Military Communication Conference, MILCOM 96, pp. 877-881, Oct 1996, USA.

24- M. Mokhtar, **M. Bahie-Eldin**, and M. Kassam, "Direction of arrival estimation techniques using uniform circular array" Proceedings of the 13th National Radio Science Conference, NRSC, pp. B2-.1-B2.8, March 1996, Cairo, Egypt.

25- R.M. El-Awady, **M.A. Bahie-Eldin**, R. Elzanfily, and L.F. Gergis, "MPSK Trellis Coded Modulation through nonlinear channels in additive Gaussian noise and Rayleigh fading" Proceeding of Second International Engineering Conference – Mansoura 1997, pp. 409-417.

26- R.M. El-Awady, **M.A. Bahie-Eldin**, R. Elzanfily, and L.F. Gergis, "Performance of Trellis Coded Modulation through Rayleigh fading and nonlinear Mobile Satellite Channels" Proceeding of Channels" Proceeding of Second International Engineering Conference – Mansoura 1997, pp. 419-428.

27- **M. A. Bahie-Eldin**, and Alaa A. Omar, "Complexity measure of encryption keys used for securing computer networks", Proceedings of Annual computer security and application conference, ACSAC98, pp. 250-255 Nov. 1998, USA.

28- R. M. El-Awady, **M. A. Bahie-Eldin**, and L.F. Gergis, "Trellis Frequency and phase Modulation in Fading Mobile Satellite Channels" Proceeding of Second International Conference on Electrical Engineering M.T.C. November 1999.

29- **M. A. Bahie-Eldin**, Mohamed Sharrawy, Alaa Eldin Fahmy, and H. Y. Zorkta, "The modified-I/O DES block cipher" Proceedings of the 2 ICEENG CONFERENCE , MTC, 23-25 Nov., 1999.

30- **M. A. Bahie-Eldin**, Mohamed Sharrawy, Alaa Eldin Fahmy, and H. Y. Zorkta, "Large block modified input/output data encryption standard" Proceedings of the 3 rd Mechanical application conference, MTC, 2000.

31- Alahmad, N. El-nady, Ali Fahmy, and **M. A. Bahie-Eldin** , "A battlefield sceniario generator for command and control system", Acadmey Sadat 11-13 April, 2000.

32- **M. A. Bahie-Eldin**, M. Sharawy, A. Fahmy, and H. Zorkta, "Large block MIO-DES: The 128 bits block cipher", Proceedings of the IASTED International Conference SIGNAL PROCESSING AND COMMUNICATIONS Sept. 19-22, 2000, Marbella, Spain.

33- Alahmad, N. El-nady, A. Fahmy, and **M. A. Bahie-Eldin** , "Intelligent agents for command and control systems", Proceedings of the AMSE International Conference on MODELLING AND SIMULATION Sept. 25-27, 2000, Canaria, Spain.

34- Alahmad, N. El-nady, Ali Fahmy, and **M. A. Bahie-Eldin** , "Finite state machine modeling command and control systems", Al-Azhar engineering sixth international conference Sept. 1-4, 2000. pp 276-282.

35- Alahmad, N. El-nady, Ali Fahmy, and **M. A. Bahie-Eldin**, "The advents for command and control systems" The 35th Annual conference on statistics computer sciences and operations research, Nove. 2000.

指导的毕业论文列表:

博士论文指导

1. "Security architecture for internet protocols", 2001.
2. "A study of spread-spectrum systems in mobile satellite communications", 2000.
3. "Artificial intelligence tools in networking of command and control systems", 2000.
4. "Secure communication for mobile networks", 2000.
5. "Analysis and design of microwave active apertures used in radar and ECM systems", 1993.

硕士论文指导

1. "Jamming of spread – spectrum systems", 1988.
 2. "Interception of spread – spectrum systems", 1988.
 3. "Application of multi-transmitter diversity in mobile digital communication", 1988.
 4. "Application of multi-transmitter diversity in mobile digital communication", 1989.
 5. "Development of an Arabic speech analysis synthesis model", 1989.
 6. "Performance analysis of modems in mobile radio communication", 1990.
 7. "Digital image segmentation", 1990.
 8. "Frequency hopping for secure communication", 1990.
 9. "Mutual coupling effects on super resolution adaptive arrays", 1993.
 10. "Interception of spread spectrum signals with unknown code", 1995.
 11. "Improvement of digital microwave radio link", 1985.
 12. "Spectrum estimation techniques for direction finding systems", 1995.
 13. "Computer data security using public key", 1995.
 14. "Digital transmission through land mobile satellite channel (MSC)", 1995.
 15. "Design and implementation of data security algorithm in military network environment", 1997.
 16. "Networking analysis of command and control model", 1997.
- "Interception and identification of satellite communication signals", 1998.
-