



**CONFERENCIA DE
PLENIPOTENCIARIOS (PP-02)**

**Addendum 18 al
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MARRAKECH, 23 DE SEPTIEMBRE - 18 DE OCTUBRE DE 2002

SESIÓN PLENARIA

Nota del Secretario General

**CANDIDATURA AL CARGO DE MIEMBRO DE LA JUNTA DEL
REGLAMENTO DE RADIOCOMUNICACIONES**

En relación con la información publicada en el Documento 3, tengo el honor de transmitir a la Conferencia, en anexo al presente documento, la siguiente candidatura al cargo de miembro de la Junta del Reglamento de Radiocomunicaciones.

Sr. Mostafa Abdel-Kader BAHIE ELDIN (República Árabe de Egipto).

Yoshio UTSUMI
Secretario General

Anexo: 1

*Misión Permanente de Egipto
ante las Naciones Unidas
Ginebra*

CHAN - 2002 - 320

La Misión Permanente de la República Árabe de Egipto ante la Oficina de las Naciones Unidas y otras Organizaciones Internacionales en Ginebra saluda a la Secretaría de la Unión Internacional de Telecomunicaciones (UIT) y tiene el honor de referirse a la elección de los miembros de la Junta del Reglamento de Radiocomunicaciones en el marco de la Conferencia de Plenipotenciarios de la UIT de Marrakech, los días 23 de septiembre a 18 de octubre de 2002.

La Misión Permanente de la República Árabe de Egipto tiene el honor de informarle de que el Gobierno de Egipto ha decidido presentar oficialmente la candidatura del Dr. Mostafa Abdel-Kader Bahie-Eldin, Director del Departamento de Gestión de Frecuencias de la Autoridad de Reglamentación de las Telecomunicaciones de Egipto para su elección como miembro de la Junta del Reglamento de Radiocomunicaciones de la UIT (se adjunta el Curriculum Vitae del Dr. Bahie-Eldin). La Misión Permanente de Egipto agradecería que la Secretaría de la UIT informase a todos los Estados Miembros de la UIT de su candidatura.

La Misión Permanente de la República Árabe de Egipto aprovecha la ocasión para renovar al Secretario General de la Unión Internacional de Telecomunicaciones (UIT) el testimonio de su más alta consideración.

Ginebra, 16 de septiembre de 2002

(Sello)

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CURRICULUM VITAE



Datos personales

Nombre: MOSTAFA ABDEL-KADER BAHIE-ELDIN
Ocupación: Director del Departamento de Gestión de Frecuencias, TRA, Egipto
Dirección: 27 Mohie-Eldin Abou-Elazz st. Dokki, El Cairo
Fecha de nacimiento: 16/12/1951
Estado civil: Casado, dos hijas
Nacionalidad: Egipcia

Formación

B.Sc. en ingeniería eléctrica con mención de honor, junio de 1974
M.Sc. en ingeniería eléctrica, agosto de 1980
Ph. D. en ingeniería eléctrica, Universidad George Washington, Estados Unidos, abril de 1985

Cargos

1. Director del Departamento de Gestión de Frecuencias, TRA, Egipto
2. Miembro del Comité Asesor de Frecuencias, TRA, Egipto
3. Presidente Adjunto del equipo árabe de trabajo permanente para la gestión de frecuencias
4. Participante en las reuniones preparatorias nacionales y regionales del UIT-R y el UIT-D

Experiencia profesional

1985-2001 Profesor en diversas universidades de Egipto
1990-1998 Asesor de evaluación técnica para sistemas de comunicación
1991-2001 Asesor de comprobación técnica de sistemas integrados IT, LAN y WAN
2001- Director del Departamento de Gestión de Frecuencias de la Autoridad de Reglamentación de las Telecomunicaciones de Egipto

Lista de publicaciones

- 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- **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 scenario generator for command and control system", Academy 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.

Lista de estudios terciarios supervisados:

Supervisión de tesis doctorales

- 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.

Supervisión de tesinas de M.Sc

- 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.
 - 17- "Interception and identification of satellite communication signals", 1998.
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