

CURRICULUM VITAE

1. PERSONAL INFORMATION.

Name.....: ***Engr. Dr. Yasin KHAN***

Father's Name.....: Mr. Zunnum KHAN

Date of Birth (Age).....: 2nd February, 1971

E.mail addresses.....: yasink@ksu.edu.sa
yasinkhan71@yahoo.com

Nationality.....: Pakistani

Languages skills.....: (1) *English* (Business level),
(2) *Japanese* (Conversational level),
(3) *Urdu* (National language),
(4) *Pushto* (Native),
(5) *Persian* (Conversational level)

Professional affiliations.....: 1. Member, Institute of Electrical Engineers, Japan (IEEJ).
2. Member, Pakistan Engineering Council (PEC).

2. ACADEMIC RECORD

No.	Name	Institution	Year of Passing	Subjects
1	PhD Electrical Engg.	Kyushu Univ., Fukuoka, Japan	2004*	Electrical Engineering (Power)
2	MSc. Electrical Engg.	N.W.F.P. University of Engineering and Technology, Peshawar, Pakistan.	1997	
3	BSc. Electrical Engg.		1993**	
4	F.Sc.	F.G. College Pesh. Cantt.	1988	Pre-Engg
5	S.S.C.	Govt High School No.1 Peshawar Cantt.	1986	Science

* Received a Gold Medal and a Best paper presentation award for Young researcher during PhD

** With Gold Medal and with honor.

3. RESEARCH THESIS TITLES (Thesis supervisor)

1. **B.Sc. Electrical Engg:** Energy Conservation in Industries (A case study) (FY 1993)
(Mr. M. Lihazullah Khan)
2. **M.Sc. Electrical Engg:** Long Term Energy Planning in Pakistan (FY 1997)
(Dr. Sheroz Khan)
3. **PhD Electrical Engg:** Development of High Reliable Gas Insulated Power Equipments.
(Prof. Masanori Hara)

4. DISTINCTIONS / AWARDS

1. Received a **GOLD MEDAL** from the Institute of Electrical Engineers of Japan (IEEJ) for outstanding research work and its presentation in the National Convention of Electrical Engineers in 2002 held at Tokyo, Japan (March 2003).
2. **Best Paper Presentation Award** in the 2001 Japan-Korea Joint Symposium on Electrical Discharges and High Voltage Engineering (ED & HVE) for outstanding research work in the field of electrical Engineering and its presentation in the Symposium held at Miyazaki, Japan (2001).
3. Received a **GOLD MEDAL in Electrical Engineering** by securing the highest marks in the whole university in Mathematics in aggregate in 1st, 2nd and 3rd Year BSc. Electrical Engineering examinations (1993).
4. Government of Japan awarded the **Monbusho Scholarship** for pursuing my PhD course research at Graduate School of Information Science and Electrical Engineering (ISEE), Kyushu University, Fukuoka, Japan which is one of the prestigious institution in Japan (04.2000 ~ 03.2004).
5. Received a “**Letter of Appreciation**” from Planning Commission, Govt. of Pakistan for excellent performance during my PhD research in Japan.
6. Obtained the **Merit Scholarship** throughout the academic career since the Middle school 6th class) education (Since 1981-82).
7. Federal Public Service Commission awarded **Four (04) advance increment** for excellent performance before the selection committee in the interview held for the post of Research Officer (Power), in Energy Wing, Planning Commission, Islamabad in 1995.

5. WORK EXPERIENCE

No	Designation	Department	From	to
1	Research officer (Power) (BPS-17)	Energy Wing, Planning and Development Division, 99-West, Shalimar Plaza, Blue Area, Islamabad, Pakistan.	31.05.1995	17.10.1997
2	Assistant Chief (P) (BPS-18)		18.10.1997	31.03.2000
3	PhD Researcher	Graduate School of Information Science and Electrical Engineering (ISEE), Kyushu University, Fukuoka, Japan	01.04.2000	25.03, 2004
4	Research Assistant		01.04.2000	25.03.2004
5	Research Officer (P) (BPS-17)	Energy Wing, Planning Commission, Islamabad.	April 2004	Sept. 2004
6	Assistant Professor	King Saud University, Riyadh, Saudi Arabia	Sept. 2004 ~	

6. PROFESSIONAL TRAININGS LAST ATTENDED

1. Training course on “Energy Conservation” conducted by “Japan International Cooperation Agency, (JICA)” at “Energy Conservation Center, Toyo, Japan” (28.05.1998 ~ 14.07.1998)
2. Introductory “Japanese Language Course” conducted by “Japan International Cooperation Agency, (JICA)” at Tokyo International Center, Tokyo, Japan. 28.05.1998 ~ 14.07.1998).
3. Six months “Intensive Japanese Language Course” at Kyushu University International Student Center, Kyushu University, Fukuoka, Japan. (14.04.2000 ~ 19.09.2000)
4. Regional (RCA) Training course on use of “IAEA’s Decades Computer Tools and FINPLAN Models to Analyze the Role of Nuclear Power in Light of increased Privatization in the Electricity sector” held in Islamabad, Pakistan, (06.09.199 ~ 01.10.1999).
5. “PhD course research in the field of Electrical Engg.” at the Graduate School of Information Science and Electrical Engineering (ISEE) Kyushu University, Fukuoka, Japan. (01.10.2000 ~ 25.03.2004).
6. Worked for four (04) months as a Trainee Engineer (Electrical) at “Combined Wood Industries (Pvt.) Ltd., Peshawar, Pakistan”, (28.08.1991 ~ 26.12.1991).
7. Two Months Computer Training Course at “Jawaid Azfar Computer Center, Planning Commission, Islamabad”, in Lotus, Word Perfect, Windows, DOS, Networking, etc. (17.07.1995 ~ 14.09.1995)
8. A Training Course on “Project Planning Appraisal and Implementation Techniques” at “Pakistan Institute of Development Economics (PIDE), Islamabad”, (19.11.1995 ~ 14.12.1995)

9. Training course on “Economic Planning and Management” at “Pakistan Planning and Management Institute (PPMI), Islamabad”, (18.06.1997 ~ 29.07.1997)
10. Course on “Report Writing Skills” organized by “Sustainable Development Policy Institute (SDPI), Islamabad”, (26.10.1998 ~ 30.10.1998)

7. List of Research Publications

Refereed Journals / Conferences

- 1 A Study of Free-conducting Particle Deactivation Methods around Spacer within Diverging Air Gap under DC Voltage
Yasin Khan, Eun-Kyung Lee, Akihito Oda, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Journal of the Institute of Engineers on Electrical Discharges in Japan, Vol.45, ISSN No. 0911-8713, pp.68~69, (2001)
- 2 Streamer Corona Propagation of an Inhomogeneous Field Gap in SF6 Gas Stressed by Steep Fronted Impulse
Qiaogen Zhang, **Yasin Khan**, Yuchang Qiu, and Masanori Hara.
Journal of the Phy. D. Applied Physics, Vol.35, No. 20, pp.2605 ~ 2667, 21st October, 2002, (UK)
- 3 Motion Behavior and Deactivation Methods of Free-conducting Particle around Spacer between Diverging Conducting Plates under DC Voltage in Atmospheric Air
Yasin Khan, Koh-ichi Sakai, Eun-Kyung Lee, Junya Suehiro and Masanori Hara.
IEEE Transaction on Dielectric and Electrical Insulation, Vol.10, No.3, pp.444~ 457, (June 2003)
- 4 Theoretical and Experimental Studies for Spherical Free Conducting Particle Behavior between Non-Parallel Plane Electrodes with AC Voltages in Atmospheric Air
Koh-ichi Sakai, **Yasin Khan**, Dan Labrado Abella, Junya Suehiro and Masanori Hara.
IEEE Transaction on Dielectric and Electrical Insulation, Vol.10, No.3, pp.404~ 417, (June 2003)
- 5 Experimental Studies for Free Conducting Wire Particle Behavior between Non-Parallel Plane Electrodes with AC Voltages in Atmospheric Air
Koh-ichi Sakai, Dan Labrado Abella, **Yasin Khan**, Junya Suehiro and Masanori Hara.
IEEE Transaction on Dielectric and Electrical Insulation, Vol.10, No.3, pp.418~ 424, (June 2003)
- 6 Wire Particle Motion Behavior and Breakdown Characteristics around Different Shaped Spacers within Diverging Air Gap
Yasin Khan, Akihito Oda, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Institute of Electrical; Engineers of Japan (IEEJ), Trans. on Power and Energy, Vol.123, No.11, pp.1288 ~ 1295, (Nov. 2003)
- 7 Particle Initiated Breakdown Characteristics around Spacer under Lightning Impulse Voltage Superimposed on Pre-stressed DC
Yasin Khan, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Institute of Electrical; Engineers of Japan (IEEJ), Trans. on Fundamental and Materials, (Accepted – To be published in June 2004)
- 8 Consideration of Electrical; Gradient Force and Spacer Shape in the Deactivation of Free-conducting Particle in Simulated GIS.
Yasin Khan, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
IEEE Transaction on Dielectric and Electrical Insulation, Vol.12, No.1, pp.147~ 157, (Feb.2005)

- 9 Effect of Spacers on Free-conducting Particle Motion within Diverging Air Gap
Koh-ichi Sakai, **Yasin Khan**, Eun-Kyung Lee, Junya Suehiro and Masanori Hara.
Proc. of 2000 Japan-Korea Joint Symposium on Electrical discharges and High Voltage Engineering (ED & HVE), Vol.1, pp.601-1 ~601-4, 5-6 Oct. 2000, Univ. of Ulsan, Ulsan, Korea.
- 10 Free Conducting Spherical Particle Motion behavior around Different Shaped Spacers under DC Voltage
Yasin Khan, Koh-ichi Sakai, Eun-Kyung Lee, Junya Suehiro and Masanori Hara.
Proc. of 12th ISH, Paper No. 4-9, Vol.5, pp.294 ~ 297, 20-24 August, 2001, Bangalore, India.
- 11 Effect of Microdischarge Occurrences on Spherical Conducting Particles between Non-Parallel Plane Electrodes.
Koh-ichi Sakai, **Yasin Khan**, Eun-Kyung Lee, Junya Suehiro and Masanori Hara.
Proc. of 12th ISH, Paper No. 4-11, Vol.5, pp.302 ~ 305, 20-24 August, 2001, Bangalore, India.
- 12 Characteristics of Corona and Surface Flashover Triggered by Free-conducting Particles around Simple Shaped Spacer under DC Voltage in Atmospheric air
Yasin Khan, Eun-Kyung Lee, Akihito Oda, Koh-ichi Sakai, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of 2001 Japan-Korea Joint Symposium on Electrical discharges and High Voltage Engineering (ED & HVE), Vol.1, pp.101 ~ 104, 1-2 Nov. 2001, Miyazaki, Japan.
- * Best Paper Presentation Award for the Young Researcher**
- 13 Dependence of Particle-triggered Breakdown Voltage on N₂, and SF₆ Gas Pressure in DC Field between Non-Parallel Plane Electrodes
Yasin Khan, Koh-ichi Sakai, Qiaogen Zhang, Eun-Kyung Lee, Akihito Oda, Junya Suehiro and Masanori Hara.
Proc. of 2001 Japan-Korea Joint Symposium on Electrical discharges and High Voltage Engineering (ED & HVE), Vol.1, pp.269 ~ 273, 1-2 Nov. 2001, Miyazaki, Japan.
- 14 Importance of the Consideration of Electrical Gradient Force in the Deactivation of Free-conducting Particle under DC Voltage
Yasin Khan, Koh-ichi Sakai, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of IEEE/PES Transmission and distribution Conf. 2002, Vol.2, pp.904 ~ 908, 6-10 Oct. 2002, Yokohama, Japan.
- 15 Importance of the Consideration of Electrical Gradient Force Acting on the Particle in the Insulation Design of GIS
Yasin Khan, Koh-ichi Sakai, Qiaogen Zhang, Junya Suehiro and Masanori Hara.
Proc. of 14th Conf. of the Electric Power Supply Industry (CEPSI), Vol.2, pp.7 ~12, 5-8 Nov. 2002, Fukuoka, Japan.
- 16 A Basic study of the Deactivation Methods of Free-Conducting Particle around Spacer between Non-Parallel Plane Electrodes under DC Voltage
Yasin Khan, Koh-ichi Sakai, Eun-Kyung Lee, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of 14th Conf. of the Electric Power Supply Industry (CEPSI), Vol.2, pp.13 ~18, 5-8 Nov. 2002, Fukuoka, Japan.
- 17 Effect of Voltage Waveform on Particle-Triggered Pre-Breakdown Phenomenon in Diverging Air Gap with Simple Shaped Spacer
Yasin Khan, Akihito Oda, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of Joint Conf. of ACED and Korea-Japan Joint Symposium on Electrical Discharges and High Voltage Engineering (ED & HVE), Vol.2, pp.366 ~ 369, 17-20 Nov. 2002, Soongsil Univ. Seoul, Korea.

- 18 Wire Particle Motion behavior and Breakdown Characteristics around Different Shaped Spacers within Diverging Air Gap
Yasin Khan, Akihito Oda, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of 3rd International Workshop on High Voltage Engineering (IWHV), Vol.1, pp.89 ~ 94, 23-24 Jan. 2003, Fukuoka, Japan.
- 19 Effect of Spacers on Free-conducting Particle Motion Behavior between Non-Parallel Plane Electrode under AC Voltage
Yasin Khan, Akihito Oda, Takashi Kurihara, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of 13th ISH, pp.448-1 ~ 448-4, 24-28 August, 2003, Delft, The Netherlands..
- 20 Particle Initiated Breakdown Characteristics around Spacer under Lightning Impulse Voltage Superimposed on Pre-stressed DC
Yasin Khan, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of 2003 Japan-Korea Joint Symposium on Electrical Discharges and High Voltage Engineering (ED & HVE), pp.45 ~ 48, 6-7 Nov. 2003, Nagasaki, Japan.
- 21 Free Conducting Particle Motion Behavior between Non-Parallel Plane Electrode under AC Voltage
Yasin Khan, Koh-ichi Sakai, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of 6th International Symposium on Information Sciences and Electrical Engineering (ISEE) pp.573 ~ 576, 13-14 August, 2003, Fukuoka, Japan.
- 22 Motion of Free-Metallic Particle around Different Shaped Spacers and Particle Adhesion to Spacers under DC Voltage
Yasin Khan, Eun-Kyung Lee, Koh-ichi Sakai, Junya Suehiro and Masanori Hara.
Proc. of National Conf. on Electrical Discharges, Paper No. ED-01-01, pp.19-24, Jan. 25-26, 2001, Kumamoto, Japan.
- 23 Force Analysis on Conducting Particles around Simple Shaped Spacers under DC Voltage
Yasin Khan, Koh-ichi Sakai, Eun-Kyung Lee, Junya Suehiro and Masanori Hara.
Proc. of 2001 National Convention of IEEJ, A-17A4 (1-065), March 21-23, Nagoya, Japan.
- 24 Characteristics of Corona and Surface Flashover Triggered by Wire Particle around Spacer in Atmospheric Air
Yasin Khan, Eun-Kyung Lee, Akihito Oda, Qiaogen Zhang, Koh-ichi Sakai, J. Suehiro and M. Hara.
Proc. of 2001 Annual Conference of Fundamental and Material Society, A-Branch, IEEJ, A11-24, Shikoku, Japan.
- 25 Corona and Breakdown Characteristics around Cylindrical Shaped Spacer in Quasi-uniform Field Gap with Free Wire Particle under DC Voltage in Air
Yasin Khan, Akihito Oda, Eun-Kyung Lee, Qiaogen Zhang, Koh-ichi Sakai, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of Joint Conf. of Electrical and Electronic Engineers in Kyushu, paper No.528, Oct. 5-6, 2001, Saga, Japan.
- 26 Effect of Different Shaped spacers on Free-conducting Particle Motion in Non-Uniform Field under DC Voltage in Atmospheric Air
Yasin Khan, Koh-ichi Sakai, Eun-Kyung Lee, Junya Suehiro and Masanori Hara.
Proc. of 2nd Annual Technical meeting of Kyushu Electric Power Co. pp.15-20, Sept. 28, 2001, Fukuoka, Japan.
- 27 Free-conducting Particle Initiated Corona and Breakdown Characteristics around Different Shaped Spacers in Non-Parallel Electrodes under DC Voltage in Air
Yasin Khan, Eun-Kyung Lee, Akihito Oda, Koh-ichi Sakai, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.

- Proc. of National Conf. on Electrical Discharges, Paper No. ED-02-22, pp.29-34, Feb. 1-2, 2002, Nagasaki, Japan.
- 28 Deactivation of Conducting Particle around Spacer between Diverging Air Gap under DC Voltage.
Yasin Khan, Eun-Kyung Lee, Akihito Oda, Koh-ichi Sakai, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of National Convention of IEEJ, March 27-29, 2002, Tokyo, Japan.
* **IEEJ's 100th Anniversary Gold Medal for Best Paper Presentation**
- 29 A Study of Free-conducting Particle Deactivation Methods around Spacer within Diverging Air Gap under DC Voltage
Yasin Khan, Eun-Kyung Lee, Akihito Oda, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. of National Seminar of Young Researcher, Oct. 8-9, 2001, Fukuoka, Japan.
- 30 Importance of the Consideration of Electrical Gradient Force in the Deactivation of Free Conducting Particle around Spacer under DC Voltage
Yasin Khan, Akihito Oda, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara
Proc. of 3rd Annual Technical meeting of Kyushu Electric Power Co. pp.92-97, Sept. 20, 2002, Fukuoka, Japan.
- 31 Free-Particle Triggered Breakdown Characteristics around Spacers in Quasi-Uniform Field Gap under AC voltage
Yasin Khan, Akihito Oda, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara
Proc. of 2002 Joint Conf. of Electrical and Electronic Engineers in Kyushu, paper No.746, Sept.26-27, 2002, Nagasaki, Japan.
- 32 Estimation and Observation of Free-conducting Particle Behavior around Spacer between Diverging air gap
Yasin Khan, Akihito Oda, Shigemitsu Okabe, Junya Suehiro and Masanori Hara
Proc. of 2003 National Convention of IEEJ, Paper No. 1-078, March 2003, Sandai, Japan.
- 33 Numerical Analysis of Free-Conducting Spherical Particle Motion within Non-parallel Plane Electrodes under Higher Harmonics (In Japanese)
Koh-ichi Sakai, Eun-Kyung Lee, **Yasin Khan**, Junya Suehiro and Masanori Hara
Proc. Of 2000 Joint Conf. of Electrical and Electronic Engineers in Kyushu , paper No.731, Sept. 13-14, 2000, Fukuoka, Japan.
- 34 Observation of Free-Conducting Particle Motion around Spacers under DC Voltage (In Japanese)
Eun-Kyung Lee, Koh-ichi Sakai, **Yasin Khan**, Junya Suehiro and Masanori Hara
Proc. Of 2000 Joint Conf. of Electrical and Electronic Engineers in Kyushu , paper No.732, Sept. 13-14, 2000, Fukuoka, Japan.
- 35 Numerical Analysis of Free-Conducting Spherical Particle Motion toward Spacer (In Japanese)
Koh-ichi Sakai, **Yasin Khan**, Eun-Kyung Lee, Junya Suehiro and Masanori Hara
Proc. Of 2000 Joint Conf. of Electrical and Electronic Engineers in Kyushu, paper No.733, Sept. 13-14, 2000, Fukuoka, Japan.
- 36 Dependence of Free Conducting Particle Motion within Diverging Gap on Gas Pressure (In Japanese)
Koh-ichi Sakai, Eun-Kyung Lee, **Yasin Khan**, Junya Suehiro and Masanori Hara.
Proc. Of National Conf. on Electrical Discharges, Paper No.ED-01-03,pp.13-18, Jan.25-26, 2001, Kumamoto, Japan.
- 37 Observation of Spherical Free-conducting Particle Motion around Simple shaped Spacers under DC voltage (In Japanese)
Eun-Kyung Lee, **Yasin Khan**, Koh-ichi Sakai, Junya Suehiro and Masanori Hara.
Proc. Of 2001 National Convention of IEEJ, A-17A4 (1-064), March 21-23, 2001, Nagoya, Japan.

38. Effect of Micordischarge Occurrences on Motion of Spherical Metallic Particle within Diverging Gap,
Koh-ichi Sakai, **Yasin Khan**, Eun-Kyung Lee, Junya Suehiro and Masanori Hara.
Proc. Of 2001 National Convention of IEEJ, A-17A4 (1-066), March 21-23, 2001, Nagoya, Japan.
39. Breakdown Characteristics of Particle-Contaminated Diverging Air Gap with Lower Electrode Dielectrically Coated, (In Japanese)
Koh-ichi Sakai, Qiaogen Zhang, **Yasin Khan**, Junya Suehiro and Masanori Hara.
Proc. of 2001 Annual Conference of Fundamental and Material Society, A-Branch, IEE, A11-23 (Shikoku), Japan.
40. Breakdown Triggered by Free Conducting Spherical Particles around Simple Shaped Space under DC Voltage (In Japanese)
Eun-Kyung Lee, **Yasin Khan**, Akihito oda, Qiaogen Zhang, Koh-ichi Sakai, Junya Suehiro and Masanori Hara.
Proc. of 2001 Annual Conference of Fundamental and Material Society, A-Branch, IEEJ, , AII-25 (Shikoku), Japan.
41. Simulation of Free-conducting Spherical Particle Motion around Cylindrical Spacer under DC Voltage (in Japanese).
Akihito Oda, Eun-Kyung Lee, **Yasin Khan**, Koh-ichi Sakai, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. Of Joint Conference of Elect. & Electronics Engineers in Kyushu, Paper No.529, October 5-6, 2001, Saga, Japan.
42. Estimation Method of DC Breakdown for Free-conducting Spherical Particle within Non-parallel Plane Electrodes (in Japanese).
Koh-ichi Sakai, Qiaogen Zhang, **Yasin Khan**, Akihito Oda, Eun-Kyung Lee, Junya Suehiro and Masanori Hara.
Proc. Of Joint Conference of Elect. & Electronics Engineers in Kyushu, Paper No.525, October 5-6, 2001, Saga, Japan.
43. Effect of SF₆ Gas on DC Breakdown Voltage within Non-parallel Plane Electrodes with Free-Conducting Particle (In Japanese)
Qiaogen Zhang, Koh-ichi Sakai, **Yasin Khan**, Eun-Kyung Lee, Akihito Oda, Junya Suehiro and Masanori Hara.
Proc. of Joint Conference of Elect. & Electronics Engineers in Kyushu, Paper No.526, October 5-6, 2001, Saga, Japan.
44. Characteristics of DC Breakdown for free conducting Spherical Particle around Cylindrical Shaped Spacer under DC Voltage (Japanese).
Eun-Kyung Lee, **Yasin Khan**, Akihito oda, Koh-ichi Sakai, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. Of Joint Conference of Elect. & Electronics Engineers in Kyushu, Paper No.527, October 5-6, 2001, Saga, Japan.
45. Dependence of DC Breakdown Voltage of Diverging Gap on SF₆ Gas Pressure in the Presence of Free Conducting Particle (In Japanese)
Koh-ichi Sakai, Qiaogen Zhang, **Yasin Khan**, Eun Kyung Lee, Akihito Oda, Junya Suehiro and Masanori Hara.
Proc. of 2nd Annual Tech. Meeting of Kyushu Electric Power Co., pp.9-14, September 28, 2001, Fukuoka, Japan.

46. Mechanism and Characteristics of Breakdown in Diverging Gap Contaminated by Free-conducting Particle, (In Japanese)
Koh-ichi Sakai, Qiaogen Zhang, **Yasin Khan**, Eun-Kyung Lee, Akihito Oda, Junya Suehiro, and Masanori Hara.
Proc. Of National Conference on Electrical Discharges, Paper No.ED. 02-21, pp. 23-28, February 1-2, 2002. Nagasaki, Japan.
47. Free-conducting Particle triggered Corona and Breakdown Characteristics along Spacer Surface under DC Voltage in Air (In Japanese).
Akihito Oda, **Yasin Khan**, Eun Kyung Lee, Koh-ichi Sakai, Qiaogen Zhang, Junya Suehiro and Masanori Hara.
Proc. Of 2002 National Convention of IEEJ, March 2002, Tokyo, Japan.
48. Dependence of Particle Triggered Breakdown Strength on SF6 gas in Diverging Gap (Japanese)
Qiaogen Zhang, Koh-ichi Sakai, **Yasin Khan**, Eun Kyung Lee, Akihito Oda, Junya Suehiro and Masanori Hara.
Proc. of 2002, National Convention of IEEJ, March 2002, Tokyo, Japan.
49. Observation of Free Concocting Particle Motion around Spacer under AC voltage
Akihito Oda, **Yasin Khan**, Qiaogen Zhang, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
Proc. Of Joint Conference of Elect. & Electronics Engineers in Kyushu, Paper No.747, October 26-27, 2002, Nagasaki, Japan.
50. Particle Initiated Breakdown Characteristics around Spacer under Composite Over voltage
Yasin Khan, Shigemitsu Okabe, Junya Suehiro, and Masanori Hara
Proc. of Joint Conf. of Electrical and Electronic Engineers in Kyushu, paper No.3P-10-18, Sept.26-27, 2002, Kumamoto, Japan.
51. Effect of Pre-stressed DC Voltage on Particle Initiated Breakdown Characteristics around Spacer under Composite Overvoltage
Yasin Khan, Shigemitsu Okabe, Junya Suehiro, and Masanori Hara
Proc. Of 4th Annual Technical Meeting of Kyushu Electric Power Co.pp.85-90, Sept. 25, 2003 Fukuoka, Japan.
52. *New Methods of Particle Deactivation in GIS*
Yasin Khan, Shigemitsu Okabe, Junya Suehiro and Masanori Hara.
IEEE Transaction on Dielectric and Electrical Insulation, Vol.12, No.1, pp.147~ 157, (Feb.2005)
53. *Performance of Composite Insulators in Simulated Environmental Conditions Related to Central Region of Saudi-Arabia*
Yasin Khan, M.I. Qureshi, N.H. Malik and A.A. Al-Arainy,
IEEE International Conference on Emerging Technologies (ICET-2006), 13-14 Nov. 2006, Peshawar, Pakistan.
54. *Impact of Arid desert's Simulated Environmental Conditions on High Voltage Polymeric Insulators*
Y. Khan,
4th IEEE-GCC 2007 Conference, 11-14 Nov. 2007, Manama, Bahrain.