Foreword

Polarography and Electroanalytical Chemistry

Erkang Wang

State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, Jilin 130022
Fax: +86-431-5689711 Email: ekwang@ciac.jl.cn

It was Prof. M. Shikata who invented polarograph with J. Heyrovsky in 1925, first initiated polarographic study in China in 1950 in this institute. In the early couple of years since 1950, Shikata guided the Chinese colleagues and then taught them polarography course once a week about a semester, until he returned to Japan in the Summer of 1953. Changchun group became the center of polarographic research in China. In 1955 I was sent from Changchun to the Polarographic Institute of the Czechoslovak Academy of Sciences in Prague directly under Prof. J. Heyrovsky until 1959 to receive a Ph D. degree. Since the initiation of Prof. M. Shikata we have been developing our relationship with Kyoto University in generations via his successors: Profs. I. Tachi, M. Suzuki, M. Senda, T. Ikeda and now T. Kakiuchi. I read the early issues of the "Study of Polarography" in 1953, the antecedent of Review Polarography, sent by Profs. Shikata and Tachi. It was in hand-written-and-printed-form for the first four issues. It is already 50 years of the issue of the "Review of Polarography". Congratulations!

Over the past 53 years, our research group on polarography has been developed to the Open Laboratory of

Electroanalytical Chemistry (LEAC) of the Chinese Academy of Sciences (CAS) since 1989 (Head: Prof. Shaojun Dong) and then promoted to the State Key Laboratory of Electroanalytical Chemistry (SKLEAC) in 2001 approved by the Ministry of Science and Technology (MOST) (Head: Prof. Xiurong Yang). It is the first state key laboratory in analytical chemistry in China. Prof. M. Senda has been one of the three Foreign Members of the Academic Committee (FMAC) of LEAC for 12 years and Prof. M. Aizawa is invited as the member of FMAC of SKLEAC. The former LEAC as well as the present SKLEAC is open to scientists both domestic and international since 1989. The aim of the Lab is at the forefront developments of electrochemistry and analytical chemistry while providing modern training to its studies and also solving problems related to life, environment, energy and information sciences and technology by electrochemical methods. It has been one of the major multidiscipline research centers on electroanalytical chemistry in China with good international reputation.

SKLEAC currently consists of 6 research groups and has 35 staff members, including 15 professors and 5

associate professors. They carry out various subareas of electroanalytical chemistry. Apart from strong technical support staffs, at the moment, there are about 70 graduate students undertaking their professional trainings. The Lab is equipped with state-of-art instruments, which are opening to its own members and visitors. The members of the Lab were recognized many times in international and national awards, such as "First Winner of 10th and 16th Kharazmi International Festival in Tehran(Iran)", "World Intellectual Property Organization(WIPO) in Geneva(Switzerland)", "Liang Shuquan Analytical Chemistry Award" and "Outstanding Youth Fund Award". Over 180 students have graduated from this Lab for Ph.D. as well as M.S. and 20 post-docs have worked here. Indeed, their excellent performances were highly rewarded. For example, 5 and 10 of them were selected and given as the excellent and special awards by the president of the CAS, respectively. 3 of them was awarded "the best 100 Ph.D. theses in China" in 2000, 2001 and 2002. The SKLEAC has an Academic Committee whose members are prominent scientists from different institutions of the country and abroad. The Lab has carried out many national key projects and published over 1200 papers with the sum of the impact factor (I.F.) over 1400 and total SCI number over 5000 times in the past years. There are 16 books including monographs and 50 patents resulting from the research of this Lab. Furthermore, the Lab is very active in the international scientific exchange and collaborations. 18 research cooperation agreements with related laboratories as well as institutes

in different countries and regions, such as Finland, France, Germany, Hong Kong, Japan, Sweden, Switzerland, USA and UK have been signed. Over 150 plenary and invited lectures were given in the international symposia and conferences from the members of the Lab. According to the market survey made by ISI and Elsevier for the period between 1993 and 1997 based on seven most popular electrochemical Journals, the Lab reached the top ten groups in the world for the number of the publications. Two individuals from the Lab were positioned within top one hundred authors and Dong was on the top list! Wang is the chief-editor of the Chinese Journal of Analytical Chemistry. Wang and Dong also serve in the Editorial Board of 10 international journals.

We have organized and coorganized international symposium over 40 times. Among them we have organized the International Seminar on Electroanalytical Chemistry (ISEC) 8 times. It will be the 9th ISEC again in Changchun October 10-12, 2003, where are in the International Advisory Board our Japanese colleagues: M. Aizawa, M. Fujihira, T. Kakiuchi, S. Kihara, T. Osa, M. Senda, I. Taniguchi and M. Watanabe. Warmly welcome all our Japanese colleagues to participate in the 9th ISEC.

(エルカン・ワング博士、長春応用科学研究所、中国科学アカデミー会員)