

## NSPE 会長JSPE 総会に参加

NEPS 現会長の Mr. Berson が JSPE の招待を受けて来日され 6 月 7 日の総会第三部の懇親会に参加されました。JSPE は NSPE の Affiliate であるが、米国本土から遠く離れており、関心が薄いと考えられていたが、NSPE 現会長が総会に参加されたことは、NSPE が日本の PE 組織団体の存在を認識している表れであり、JSPE の今後の発展の大きな第一歩である。

Berson 会長は地球温暖化など複雑化する社会において技術者の役割が重要になる中で若い技術者や学生の教育に熱心に取り組んでいる。将来は大学 4 年生の単位では不足であり大学院までの単位を求める検討を進めていることなど次世代を担う技術者の教育についてスピーチされた。スピーチ内容を以下に示す



NSPE Berson会長スピーチ (7 June 2008)

REMARKS FOR JSPE MEETING, TOKYO, JAPAN ,June 7, 2008

### ・ **Konnichiwa.**

- Good morning fellow engineers and guests.
- It is my extreme privilege and honor to represent the National Society of Professional Engineers before this prestigious body.
- Your President, my friend, Daisuke Uemura, PE, has attended several of our annual meetings and has presented us with timely, relevant, and inspiring remarks.
- Today I will strive to meet his standard of excellence.
- The Vision of NSPE is to be the recognized voice and advocate of licensed Professional Engineers.
- Traditionally focused in the United States, it is time for us to look at the global community of professional engineers.
- We are very pleased to have an Affiliation Agreement with you that was signed nearly seven years ago by JSPE President Hitoshi Hirose, and NSPE President Daniel Clinton.
- In that Agreement, we mutually promised to continually explore opportunities for mutual cooperation to enhance the affiliation.
- I am here today to demonstrate NSPE's commitment to that promise.
- I think it is symbolic that Space Shuttle Discovery left Kennedy Space Center in Florida on a mission to rendezvous with the Space Lab, carrying astronaut Akechiko Hoshide, and also carrying the Kibo Lab Module to be added to the Spaced Station.

- There are eight astronauts in the Discovery crew.
- All eight are graduate engineers.
- Three of the eight come from my state of New Jersey.
- And, of course, Astronaut Hoshide was born right here in Tokyo.
- So, not only is this a great example of cooperation and collaborating between Japan and America, but it is also symbolic that my state and your city together produced 50% of the crew.
- All of us in this room are very proud of being professional engineers.
- We are proud of having successfully completed our rigorous engineering education, and of making the significant effort to seek and attain licensure.
- At the same time, however, we remain humble in the realization that we have accepted an awesome duty.
- We are obligated to care for the health, safety and welfare of our clients, the citizens of Japan and America, and of the entire world.
- Many of those clients have no conception of who we are, where we are, or how we affect their lives.
- We know, however, that we must work to make this world a better place because we have lived here.
- We engineers have designed and built projects ranging from the most simple and tiny to the most elaborate and enormous -- from wells or septic systems to serve single families to bridges that span mighty rivers -- from driveway culverts to International Airports -- from Teletype to the Internet.
- We can stand proudly before the global community.
- Recently NSPE became aware that we were an aging organization.
- At the beginning of this millennium, we created groups known as Young Engineers Advisory Councils.
- These groups plan and execute projects designed to help us understand and better serve them, while they develop into current and future leaders.
- It has been a wonderful experience to watch this plan unfold, and it is gaining momentum.
- I highly recommend this practice to you.
- The future is a big place; we seniors cannot hope to fill it without the help of youth.
- You are aware that the licensure system in the United States operates under state law in each of the individual states and territories, whose registration boards are members of the National Council of Examiners of Engineers and Surveyors (NCEES).
- The Council meets every fall to deliberate and vote on many issues.
- Recently the Council voted to amend its Model Licensure Law, a model followed by most states.

- In September 2006, the Council voted to increase the minimum educational requirement for licensure to include 30 additional credits beyond the bachelor's degree, to become effective in 2015, and, then, only in those states that adopt the new provision.
- The change is not fully embraced by everyone, even within the NCEES Council.
- Most Engineering Organizations have officially supported it. NSPE has a formal policy in support.
- PP No. 168—Engineering Education Requirements
- It says. In part:
- With the continuing rapid expansion of knowledge required to practice in the basic as well as the many specialized areas of engineering, NSPE believes that additional engineering education, beyond the four year ABET/EAC degree, will be required in order to meet the formal academic preparation necessary for the practice of engineering at the professional level (licensure) in the 21st century.
- Therefore, NSPE supports the concept of engineering students meeting additional academic requirements as a prerequisite for licensure and practice of engineering at the professional level. Possible additional requirements could include a master's degree or equivalent.
- The amendment to the model law resulted from years of analysis by professional and technical organizations, by educators, and by committees within NCEES
- What is behind this?
- The U S engineering education requirement for graduation has eroded from approximately 150 to around 120 credits over a few decades.
- Meanwhile, the engineering body of knowledge has increased enormously, and continues to expand as we meet.
- Engineering employers have complained about the lack of leadership, communication, and management skills of today's graduate engineers.
- The reduction in credit hours has reduced the time available for universities to furnish such training.
- BUT THAT'S NOT ALL
- Besides the need of employers for soft skills in engineering graduates, there is the reality that the world's population is expanding at an alarming rate.
- The global community is becoming more crowded, resulting in increased consumption of resources, accompanied by degradation of the environment and global warming.
- The consequence is quite obvious.
- The health, safety and welfare of our clients are at stake.
- Who can fix it?

- With proper support, we, the engineers of the world can fix it.
- If we can't, then who else is there?
- We need to save the world.
- Education is critical to accomplishing the task.
- NSPE believes that it is not unreasonable to ask students, professors, companies, and registration boards to take action that will provide adequately trained professional engineering candidates for future employers.
- It is also critically important to provide adequate preparation for those who need to resolve the environmental issues of the world.
- Sustainable development, for instance, has spread in popular appeal, not because it is a catchy term, but because it is absolutely essential.
- A young technology, it is gaining more and more attention in academia.
- Universities need time to train students in this maturing area of engineering practice.
- NSPE supports the use of sustainable development, and has amended its Code of Ethics to include sustainable design as an ethical goal.
- In closing, I wish to commend you for the growth of membership, programs, and quality that you have achieved in the eight years since JSPE was formed.
- In 2009, NSPE will celebrate its 75th anniversary.
- Founded in 1934 by only four state societies, NSPE experienced slow growth in its early years.
- Dr. Steinman, the founder of NSPE, struggled to build NSPE from its small beginning.
- For NSPE's 25th Anniversary, he said:
- "We have reminded the world that engineering is founded on great ideals—the ideals of vision, character, integrity and service to humanity. Whether or not our dedicated part in this achievement will be forgotten, matters little. What counts, in my mind and heart, is that this accomplishment for the advancement of our beloved profession will endure. Our work will live after us. We are building not for ourselves, but for posterity. For those of us who have known the struggle and the hardship of engineering in the lean and difficult years, there is deep satisfaction in knowing that we have done our part in making engineering a finer, nobler, and more satisfying profession for those who come after us."
- I believe that you, too, have the potential to grow JSPE very much in the coming years.
- I hope and believe that your affiliation with NSPE can be serve as an aid to your growth, and invite you to call upon us for guidance whenever you feel so inclined.
- The principles of ethical conduct, of service to the public, of attracting bright young engineers to the profession, and of emphasizing the relationship of engineering to the global community are common to both our societies.

- Some of your members have chosen to also become members of NSPE.
- I urge you to recruit as many as possible to join us as well.
- I do not ask this to seek financial reward through dues, but to reinforce the commitment that each of us has to the other and to the advancement of our profession in years to come.
- I so much appreciate the opportunity to join you for this great meeting, and to speak briefly to you from the perspective of NSPE.
- Arigato gozaimasu
- Thank you for your attention. I wish you great success in the future.

### NSPE 会長との会議



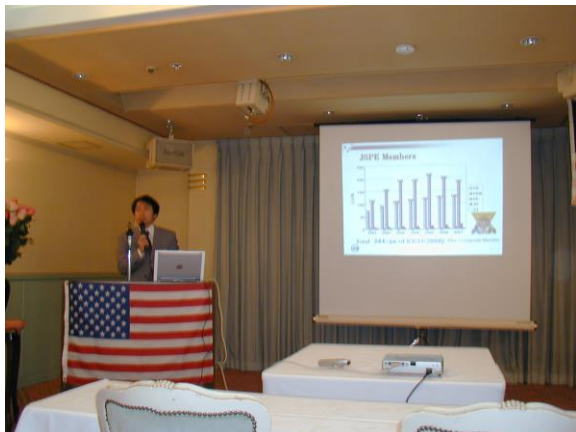
**Berson 会長と JSPE,JPEC 理事による会議  
(6 June 2008)**

総会前日の 6 月 6 日に来日された Berson 会長と会議を行った。JSPE 及び JPEC の Activity を Presentation するとともに、日本の PE を目指す Engineer の問題点である州登録の困難さをテーマにして打ち合わせを行った。Berson 会長は州登録は各州責任のもとで行われており NSPE として関与はできない。しかし、カナダ国境に位置しているワシントン州などはカナダと技術者の相互認証の動きがあり外国の技術者に対して PE 登録に寛容であると思うので調査をするべきである。又オレゴンなど工業を誘致している州も条件は有利であると語った。

## 1. JSPE総会

6月7日に第8回通常総会が開催された。

第1号議案 平成19年度活動報告と決算 第2号議案 平成20年度活動計画と予算報告事項  
項定款細則の一部改訂は賛成多数で可決された。



JSPE 総会で事業報告をする植村会長

質疑としては、ETHICS のセミナーを設けてほしい、社会貢献を進め NSPE へ発信すべきである等の積極的な意見や NCEES 実施による試験に伴い州に未登録の FE と州登録の FE が存在することになり、定款細則の内容についての指摘があり理事会で協議することとなった。

特別講演テーマは TCS Japan 梶 社長「インド経済の成長性と日本」の講演には 70 名を超える参加で、質疑応答も時間をオーバーするほど熱心に行われた。

## 2. 植村会長の赴任

JSPE の最重要行事のひとつであります通常総会が、去る 6 月 7 日に行われました。今回は全米 PE 協会の B.Berson 会長夫妻にも出席いただき、大変盛大に行われました。JSPE も日米の懸け橋としての役割をますます強めていく重要な時期に差し掛かったといえましょう。



私も本業において、AMB Property Corporation の東京オフィスから San Francisco の本社にこの 6 月から 2 年間の予定で転勤することになりました。アジア・欧州で行われている当社の建設プロジェクト 20 件程を本社サイドとして企画・管理する立場になります。従って、San Francisco をベースとして年間に地球を数周することになりましょう。

全世界のエンジニアたちと共に、最適な建設プランを計画し、付加価値をどのように付けていくか、高い品質が確保されているか、コストや工程を守るためにはどうすればよいかを打合せしていく毎日となります。そのためには、これまで JSPE で築いてきたネットワーク、技術力、倫理観、国際感覚、英語力等すべてが問われることになり、期待と不安が入り混じった中での船出の時を迎えています。が、必要以上に気負うことなく、自然体で、様々な場所・人から様々な新しい技術・文化・社会をしなやかに吸収していきたいと思っております。

今回の異動は、私が PE を有していること、JSPE 会長として会員の皆様と幅広い活動をしてきたことが評価されて実現したことは言うまでもありません。また、JSPE は、「グローバルな視点を持ったエンジニアの育成」を重要なミッションとして掲げてまいりましたが、会長自らもこのようなグローバルな舞台に出るようになったことで、具体的な成果がまたひとつ現れたともいえましょう。PE 資格、そして JSPE に感謝・感激・乾杯といったところですね。とはいっても勝負はこれからです。成功して初めて本当の JSPE の成果が現れますので、自然体で頑張っていきます。また、このクオーターでも、感じたことを毎回お伝えしていきます。

会長職はあと 1 年続けていきます。月 1 回の理事会には Skype を用いて東京の理事のメンバーと協会運営の為の様々な打合せを行います。とはいえ海を隔てているので行動の制約ができることは残念ながら事実です。その分は土屋雅彦副会長にリーダーシップを取っていただきます。今後ともよろしく願いたします