New York CyberSecurity and Engineering Technology Association
Minutes of the fall 2016 Meeting
April 20-21, 2016 at Cayuga Community College

The conference opened with a breakfast buffet at Cayuga Community College.

First_Name	Last_Name	Associated College		First Name	Last Name	Associated College
Timothy	Cochran	Alfred State College		Mark	Oliver	Monroe CC
Maryam	Nasri	Alfred State College		Fred	Schoenfeld	Nassau Community College
Syed Rashid	Zaidi	Bronx CC		Kathleen	Gallagher	Nassau Community College
Slade	Gelline	Buffalo State		Don	Voisinet	Niagara County CC (retired)
Anthony	Hotchkiss	Buffalo State		Mark	Voisinet	Niagara County CC
Ilya	Grinberg	Buffalo Sate		Ramesh	Gaonkar	OCC
James	Shea	Buffalo State		Dave	Kripinsky	RIT (retired)
Jikai	Du	Buffalo State		Steven	Ciccarelli	RIT
Michael	Newtown	Canton		John	Stratton	RIT (retired)
Joe	Reilly	Canton		David	Lawrence	RIT
Christe	Waters	Cayuga CC		James	Mallory	RIT
John	Campbell	Cayuga CC		Jayne	Baran	SUNY POLY
Tom	Karle	Cayuga CC		Atlas	Hsie	SUNY POLY
John	Longwell	Corning CC		Doug	Holzhauer	SUNY POLY
Jon	Balke	Corning CC		Daniel	Jones	SUNY POLY
Anthony	Dalessio	Erie CC		Edward	Davis	Queensborough
Jeff	Hung	Farmingdale State College		Hikmat	Chedid	NorthEast Ohio (retired)
Jack	Riley	Finger Lakes CC				
Bill	Darling	HVCC				
Mehmet	Baysal	Morrisville State College				

The following exhibitors and patrons participated and helped support the conference: **CADimensions, HAAS, ISCAR Tools and Joe Zahra Associates.**

Christie Waters, Division Chair of Math, Science & Technology at Cayuga Community College welcomed everyone.

For the plenary session, John Campbell, NYSETA President introduced the presenters for a round table discussion on "Complex Issues related to Transfer". The Round Table discussion was moderated by Mark Voisinet (NYSETA Vice-President, Niagara County Community College):

- History of SUNY Seamless Transfer, Dan Knox (SUNY Central)
- Role of ABET, John Stratton (retired RIT)
- Overview of Transfer Path Groups, Dan Knox (SUNY Central)
- SUNY Transfer Path Committee, Jeff Hung (Farmingdale)
- Mechanical and Manufacturing Transfer Issues, John Campbell (Cayuga CC)
- Civil and Construction Transfer Issues, Bill Darling (HVCC)
- Panel thoughts
- Questions from the floor

Following the plenary session, two hours were reserved to discuss and finalize some of the transfer issues (lunch was grabbed for a "working lunch").

Technical presentations followed:
- Track 1: Electrical/Computer ("Using GIS and Drone Technology to Monitor Blue-Green Algae (Cyanobacteria) Blooms", "Kohilo Vertical Wind Turbines"
- Track 2: Civil/Architectural "Using GIS and Drone Technology to Monitor Blue-Green Algae (Cyanobacteria) Blooms ", "Cable Stayed Bridges by Edward Davis)
- Track 3: CyberSecurity ("Creating and Implementing an Innovative Mile App Program and NSF ATE Grant", "Embeeded Systems and Internet of Things", and "Cybersecurity Culture"_
- Track 4: Mechanical ("Feeds and Speeds with ISCAR Machine Tools/Plastics with Currier Plastics", "Kohilo Vertical Wind Turbines"

Interest group meetings were held after the technical sessions from 4-4:30 pm.

The evening banquet was held Thursday night at the hotel conference. The speaker was Dennis Connors from the Onondaga History Society. Mr. Connors covered the history of technical business in the City of Syracuse.

The breakfast business meeting on Friday morning was also held at the conference hotel.

The business meeting was called to order at 8:32 am by President John Campbell. John thanked everyone who helped him host the conference.

Discussion on Spring 2017 Combined Conference with St. Lawrence section of ASEE at SUNY Buffalo

NYSETA membership has been in decline since older members are retiring and fewer full-time faculty are being hired. It has also been harder to find members willing to host conferences; in spring of 2015 no conference was held.

Ilya Grinberg (from Buffalo State and a member of both ASEE and NYSETA) proposed NYSETA join the St. Lawrence ASEE conference spring 2017 as a trial, and continue doing so each spring if the trial is successful. NYSETA conferences would still be held each fall Kris Schiudler (Vice Chair of the ASEE St. Lawrence section and the Conference Chair) was contacted via phone at the executive board meeting on Wednesday night.

Summary details of combined spring 2017 conference with ASEE St. Lawrence Section:

- The ASEE conference date is April 21-22, 2017 (Friday-Saturday)
- Registration will follow ASEE processes; NYSETA will be neutral (NYSETA members pay the conference fees to ASEE and ASEE will run the conference as usual).
- Attendees do not have to be an ASEE member to attend the conference.
- NYSETA needs an information table and signs.
- NYSETA may have a parallel technical session.
- NYSETA will probably hold their business meeting at the same time as ASEE. The alternative is to hold business meetings (and electives/scholarships) at the fall meetings (will require changes to bylaws).

A NYSETA subset committee will work out other details. The members are Mark Voisinet, Jikai Du, John Campbell and Ilya Grinberg.

Future NYSETA Conference Locations

Spring 2017   Joint conference with ASEE (University of Buffalo) as trial
Fall 2017   Corning CC
Spring 2018   Potential joint conference with ASEE depending on spring 2017 feedback
Fall 2018   SUNY Poly
Fall 2019   Canton
Others (Queensborough/Farmingdale)

NYSETA Newsletter/Website/ListServs (Secretary/Communications Officer/Website Author)

Jim Mallory has taken over temporarily as website editor.

Bill Darling is now the communications officer. Jayne Baran will continue to update the "Google Groups" and Fred Schoenfeld is keeping the mailing list and institutional rep list updated.

Treasurer's Report (Fred Schoenfeld)

Fred Schoenfeld passed out the treasury statement. As of 9/30/2016 the balance is $7,308.60. There was a motion, 2nd and unanimous agreement to accept the treasurer's report. Fred will send out the institutional dues letters after the conference is over. Mark Oliver is the lone representative for CET (Council of Engineering Technology). John Campbell will check with Mark as to whether the CET plans to continue since 2 of the 3 members have now retired.

Scholarship Committee (Jon Balke, Chair)

Who exactly are the three members on the scholarship committee? By-laws were checked. Jon Balke is chair. The other two at-large members are Mark Oliver and Jikai Du. Jon will need to know the amount of money available for scholarships in the spring once this conference finances are determined.

Reformatting and Modifications to Constitution, By-Laws and Amendments

NYSETA documents need to be reformatted so that they are easier to read; John Campbell knows a technical writer that can reformat. Also, documents need to be updated and approved. Dues are now $20 instead of $10. Institutional dues are $200 instead of $100. Also, there are minimums listed for working funds and scholarship funds that need to be reviewed. These reviews and proposed revisions will be completed during the summer 2017 executive board meeting.

Elliot Award

Ed Tezak will be presented the award at the fall 2017 NYSETA conference at Corning.

Steve Ciccarelli (Electrical and Computer), Slade Gellin (Mechanical), Ed Davis (CivilArch) and Dave Lawrence (CyberSecurity) summarized the interest group sessions. See attached minutes for the electrical interest group.

The meeting was adjourned at 10:02 am for a tour of Welch Allyn.

Respectfully submitted by Jayne Baran, Secretary of NYSETA
Minutes Approved at the NYSETA Business Meeting October 27, 2017.

Thanks to John, Christie and their students and staff for a great conference!

Breakfast/Registration – 9-10:30 (Student lounge across from audit) and 9-10:45a (Main campus lobby across from audit)
The change in advertising (full vs continental) was confusing but given the cost differential, it was fine.

Exhibits – 9-2 (Student lounge)
A little light but as publishers aren't exhibiting anymore though, there isn't much we can do.

Plenary – 1030-12 (Audit)
Thanks to all including John S. Glad. We are glad that the SUNY admin attended and agree that some good conversations were had. Meeting our LOCAL NEEDS (industry) is important and there was good emphasis on this point. We think the SUNY representative got the message and hope these conversations can continue.

Session – 12-1, Transfer Issues (Business and Industry Center, BIC)
One possible solution is the - ECC approach to build in electives and then allow students to swap tech for math/science for transfer. Those that choose industry select the tech elective offerings as a group the previous semester to mitigate low enrollment issues. In addition, students can take courses for free (within the SUNY system) if they are already full time, including online – open SUNY (digital, uControllers,etc). This may be another path to helping students prepare.

Session – 1-2, Working lunch (Student Lounge)
The group liked the lunch, Panera.

Session – 2-3, GIS Drone Technology (GIS Lab)
Interesting session and relevant to our lives but not advertised properly as the inclusion of "Drone" in the title was slightly misleading.

Session – 3-4, Windmill Design (AMI and outside the AMI)
Exciting potential but some were a little skeptical of the approach without more technical information. Overall, a good concept and well presented. Concerns - Why isn't it being marketed in the US? Why aren't the big windmill companies looking for him.

Other sessions of interest to EIG members this conference?
Embedded SYS and IOT – Good, more microprocessors than IOT, partially new textbook marketing. Useful information however, comparing different microcontrollers.

Last cybersecurity presentation – good coverage and addressed the IOT.

Mobile Apps – Developed for NTID, but easily applied to other areas. Use of Unix software for development and then porting to Android, IOS, etc a good idea.

Cable Stay – Knowledgeable presenter with great information, fast paced and interesting.

Discussion – BIC, future topics
Spring 2017 - Joint with ASEE ST Lawrence Section (Buffalo - UB 4/21 and 4/22), Mark V. will help coordinate. Keep an eye out for announcements in a week or two. The EIG believes it's important to maintain our identity somehow, perhaps via a specific track. At the moment, the conference format is a bit TBD, probably based on # of submissions. Good opportunity for student presentations. Fri – Networking/reception/dinner. Sat – Tech sessions, etc, ends at 4p

April 7,8, 9 IEEE Region 1 student Conference at UB.