

Welcome to

Tnano
2020

!

The background is Tbilisi, capital of the Republic of Georgia, where the workshop had been planned initially.

Sorry ...  ... we meet just on Zoom.



My name is **David Tománek**

I am Professor of Physics at Michigan State University

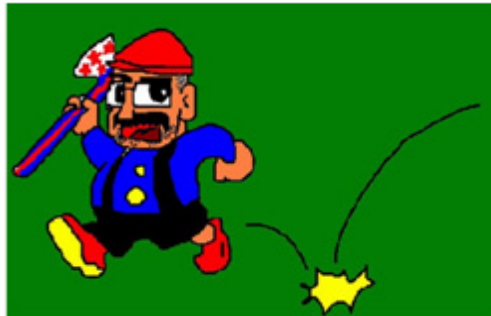
This is
what I
look like



and this
is my
icon.



This is my
reputation as
conference
organizer.



(courtesy Yoshi Miyamoto)

Now, after you had
a good laugh ...



... I wish to introduce the Tnano20 workshop

- Everything was supposed to *work out very differently*.
- In 2019, I took part in a conference in *Tbilisi, Republic of Georgia*.
- I fell in  with *Tbilisi* and the people of Georgia.
- I decided to come back, many times, and to *organize a conference/workshop* there.
- *GTUnano20*, organized by/at the Georgian Technical University, looked ideal



Tnano 2020

From GTUnano20 to Tnano20

- As you know, **COVID19** changed everything in our lives.
- **GTUnano20**, to take place in Tbilisi during exactly these days, was **cancelled** on July 3, 2020 (well ... it was postponed to 2021, but who knows?)
- I helped a lot with **GTUnano20**, invited many of (the current) **Tnano20** presenters, and was desperate.
- Even in August, **I hoped** we may meet in Tbilisi, in person.
- This did not work out. **Sorry!**



From In-Person to Virtual

- I seldom give up.
So ... Tnano20 turned into a **virtual Zoom workshop**.
- By the way, I had a secondary motive to bring the best people in Nanotechnology together:
I wanted to Celebrate Science
before I retire end of 2020
- You may **now understand** why the organizer (me) wanted to give the **first invited talk** (just after the first keynote lecture) of Tnano20.
- On the last day, I will present a 30-minute **Confessions of my life as Human and Scientist**. (You will laugh!!)



... what does "T" stand for?

T stands for ...

Tbilisi

Tománek

T...



is quite unusual in many ways

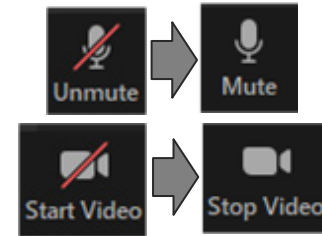
- A workshop on **cutting-edge Nanotechnology** with **zero registration fee**.
- A virtual workshop with **live presentations** spanning **24 time zones**.
- You may **meet the Editors** of a/the leading Physics journal: Physical Review.
- This is a workshop designed, organized and run by **a single person**, 4 days, 16 hours per day. (No backup person ...)
- I am not asking for your applause, but **beg for mercy** if I have forgotten anything.
- This is an *in promptu* workshop. I had little time to think whom to invite. **I forgot some great people**. But that is life.

Here comes the Dean: NO!

- There is **no speech** from the Dean.
- We are free as Scientists.
No Political Correctness needed.
- A Workshop is here to discuss ideas.
Distinguish **right from wrong**.
- IDEAS may be attacked.
PERSONS may **not** be attacked.

With Freedom Comes Responsibility

- Benefit from the **workshop format**:
 - All participants may **intercede at any time** (even during others' presentations)
 - Both **audio and video** may be used
 - There is also a **CHAT** function for everyone
- Every participant is given the **same access**.
 - I dare to **try this format**, since I know every single participant.
 - Access to the workshop is **limited by session and passcode**.
- With freedom comes **responsibility**:
 - **Do not misuse** your privileges: You may be banned.
 - Participant **privileges may be changed** for upcoming sessions.





Get Used to the New Norm

- We all loved conferences/workshops, where we could *shake hands*. This is *over for now*.
- The new format is quite *demanding on technology* and participants' patience.
- A virtual workshop around the World is much *like the Evening TV news*:
 - The Anchor/Moderator/Session Chair switches from "Japan" to "Germany" to "USA" to "China".
 - When the connection does not work, it is *cut off* so that the audience does not leave.
 - Extra discussion is a good way to cover the gap.



Let's begin!

- I opened previous conferences with the bang of an *inflatable huge hammer* (some of you may remember).
- I will do the same now and

OPEN THE TNANO20 WORKSHOP