

Curriculum Vitae

- Born in Lodz (Poland) in 1936,
- German nationality since 1939,
- Resident of Germany since 1945,
- Abitur in Bavaria in 1956.

Academic Career:

- Mainly self-financed and taking ages studies at the Technical University of Berlin (TUB) – applied mathematics, theoretical physics, abstract mathematics, several arts.
- Diploma thesis on non-relativistic elementary particle theory (Schrödinger theory), doctoral thesis on satellite mechanics (optimal orbit transfers), habilitation thesis on operating systems (multiprocessor scheduling).
- From 1971: Co-author of the program for establishing Information Sciences at the West-German Universities, as member of the West-German Federal Government's resp. board — being the academic IT representative for West-Berlin to the West-German Federal Ministry for Research and Technology.
- Additionally from 1971: Participation in the preparation, definition, foundation and administrative implementation of the Department of Information Sciences at the TUB.
- Since 1972: Professor, since 1974 full professor of Operating Systems (later also of Communication Systems) in the Department of Information Sciences at the TUB – after several calls from other universities.
- Ramping up, for 5 years, awareness of the upcoming telecommunications technologies in Germany, by running on behalf of the GI the annual German Telecommunications conferences at the TUB (GI = *Gesellschaft für Informatik*, the German nationwide academic society of information & telecommunications technologies).
- Chairman and/or member of several teaching & research & development committees, & examination boards for various Information Science programs of the Commission of the EU, the West-Berlin Government, & the TUB.
- 1976 to 1984: Member of national, European and international bodies for development, promotion and standardization of future IT technologies, in particular telecommunications/WAN/LAN/text/security technologies.
- 1996: Application for sabbatical leave from teaching at the TUB, granted for "hands-on management" of TELES AG.
- 2001: Emeritus of TUB, indispensable at German universities' retirement age.
- Over the years, a dozen++ of my Berlin students or coworkers became full tenure university IT professors.

Business Career:

- 1981: Foundation of TELES GbR and 1983 of TELES GmbH, with shareholder's equity of 50 TDM, sole shareholder. Focus on System Design & advanced telecommunications / text / security technologies.
- 1996: Transformation of TELES to an AG at profitable revenues of 22 MDM/p.a., sole shareholder & CEO.
- 1998: IPO of TELES AG, majority shareholder and CEO & acquisition of the webhosting start-up STRATO & member of the Economic Council of the CDU.
- 1999-2005: Refocus of TELES on value-added Internet systems, TELES annual profitable revenues of 100 M€.
- 2005: Sale by TELES of its subsidiary STRATO AG for more than 130 M€.
- 2020: Sale of TELES.

Emeritus Career:

- 2001 – today: After retiring from TELES' operational business at the turn of the millennium, I created the privately by me financed FSTP-R&D-Project (FSTP = 'Facts Screening/Transforming/Presenting') and initially developed a portfolio of international patents for mobile networking of advanced/high-end applications. This led me to focusing on US SPL for ETCIs, as patenting them needs an SPL paradigm shift: While Classic Technology CIs don't need modelling, ETCIs are of technologies of much higher filigree and often deal with ETCIs realized by still unknown / mPhys functionality. This renders SPL precedents about ETCIs, esp. their '**patent eligibility, PE**' problem, rationally unsolvable – and hence the investments into them unavoidably unpredictable – being a disaster for the US economies.

My privately financing this FSTP-R&D-Project – by more than 20 M€ – was indispensable, as I knew from my academic & TELES careers: In the US patent community no desire existed for a paradigm shift in SPL – as the Supreme Court required. Yet, it encouraged me to bring its paradigm shift into line with today's IT System Design, as the established SPL interpretation is incapable to cultivated dealing with ETCIs' new peculiarities (as correctly complained by the USSC^[480ftn1.b)c)d]). Outside the US no constitution has the wisdom to entitle its highest court to refining its law for the sake of its society's wealth.

Thus, on the one hand

- knowledge of philosophical foundations of Mathematics/ Analytic Philosophy/ Elementary Particle Physics, ... & advanced IT & the US enormous investments into Emerging Technology R&D, and on the other hand
- the US Supreme Court's 6 Solomonic unanimous SPL-framework decisions (in *KSR/Bilski/Mayo/Myriad/Biosig/Alice*) has by me been simply integrated. This 'adjusted the classic US SPL to the needs of ETCIs'. As the USSC required.
- The email of this **APPENDIX** presents this SPL paradigm shift – as by the USSC for its SPL-framework invited^[480ftn1.b)c)d].

As the USSC by its SPL-framework induced for ETCIs a technically & economically extremely appealing '**SPL-science**', it is unlikely that the Congress would deviate from these USSC's decisions: By their redefinition of SPL, they open for the US – and international – innovative communities the whole range of socio-economically beneficial R&D potentials.