



EDIT ÁBRAHÁM

PERSONAL INFORMATION

ADDRESS:

rue des Verchères 2, 1425 Onnens VD,
Switzerland

NATIONALITY:

Swiss, Hungarian

BIRTHDAY:

04.June.1973

PHONE:

+41(0)791994707

EMAIL:

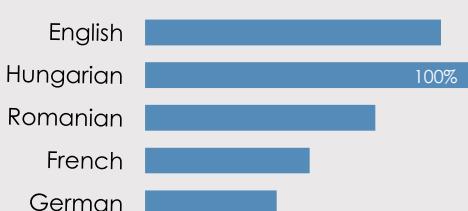
edit.abraham1@gmail.com

LINKEDIN:

<https://www.linkedin.com/in/edit-abrahám-4366868/>

SKILLS

- Excellent listener
- Excellent communicator
- Strategic thinker
- Trained facilitator
- Able to work under challenging timelines
- Organizations and planning skills

LANGUAGES

PhD chemist with more than 8 years of experience in working in research environment within project teams and 6 years of experience in the field of material regulation /compliance assessment. I am also a certified executive coach and I coach individuals.

Each of us has a vision worth chasing. It needs courage to move towards the desired future. My passion is learning/teaching, collaborating, supporting people and create good for humanity.

EXPERIENCES

2020 – present	EXECUTIVE COACH Visionary Coaching for Leaders <i>Holistic Coaching for individuals</i>	Onnens, CH
July 2019	VOLUNTEERING Szent Erzsébet Orphanage <i>Taking care of kids of 5-8 ages</i>	Orastie, RO
2010 – present	PRODUCT COMPLIANCE OFFICER Philip Morris Product SA <i>Responsible for product scientific and regulatory & toxicology compliance evaluation</i>	Neuchatel, CH
2005 – 2010	R&D SENIOR SCIENTIST Dow Electronic Materials <i>Responsible to develop market demanding electrolytes for metal deposition</i>	Luzern, CH

EDUCATION

2019 – 2020	PRACTITIONER DIPLOMA IN EXECUTIVE COACHING Academy of Executive Coaching	Basel, CH
2002 – 2005	POSTDOCTORATE IN ELECTROCHEMISTRY University Chemistry and biochemistry	Bern, CH
1996 – 2002	DOCTORATE IN MATERIAL SCIENCES University of Technology and Economics, Chemical Engineering Faculty and Hungarian Academy of Sciences, Chemical Research Centre	Budapest, HU
1991 – 1996	MASTER IN NATURAL SCIENCES Physics-Chemistry Teacher University of Babes-Bolyai	Cluj Napoca, RO

TRAININGS

- Generative Leadership
- Ontological coaching for leaders in action
- Myers Briggs Type Indicator (MBTI)
- Facilitation
- Problem solving, decision making
- Business writing

PUBLICATIONS

International Journal Articles:

1. R.Kazinczi, **E.Szőcs**, E.Kálmán, P.Nagy, Novel methods for preparing EC-STM tips, *Applied Phys. A* 66 535 (1998)
2. **E.Szőcs**, Gy.Vastag, A.Shaban, G.Konczos, E.Kálmán, Investigation of copper corrosion inhibition by STM and EQCM techniques, *J. Appl. Electrochem.* 29 1339 (1999)
3. Gy.Vastag, **E.Szőcs**, A.Shaban, I.Bertóti, K.Popov-Pergal, E.Kálmán, Adsorption and corrosion protection behavior of thiazole derivatives on copper surfaces, *Solid State Ionics* 141-142 87 (2001)
4. Gy.Vastag, **E.Szőcs**, A.Shaban, E.Kálmán, New inhibitors for copper corrosion, *Pure Appl. Chem.* 73 1861 (2001)
5. L.Sziráki, **E.Szőcs**, Zs.Pilbáth, K.Papp, E.Kálmán, Study of initial stage of white rust formation on zinc single crystal by EIS, STM/AFM and SEM/EDS techniques, *Electrochim. Acta* 46, 3743 (2001)
6. A.Vértes, Gy.Vakó, Z.Németh, Z.Klencsár, E.Kuzmann, Z.Homonnay, F.H.Kármán, **E.Szőcs**, E.Kálmán, Nanostructure of vapor-deposited ^{57}Fe thin films, *Langmuir* 18 (2002) 1206
7. **E.Szőcs**, I.Felhősi, U.Schmidt, P.Nagy, J.Telegdi, E.Kálmán, Dynamic behavior of the inhibitor adsorption on Au(111) studied by in situ STM, *Werkstoffe und Korrosion* 53(9) (2002) 631
8. **E.Szőcs**, I.Bakó, T.Kosztolányi, I.Bertóti, E.Kálmán, EC-STM study of 5-mercapto-1-phenyl-tetrazole adsorption on Cu(111), *Electrochim. Acta* 498 (2004) 1371
9. **E.Szőcs**, Gy.Vastag, A.Shaban, E.Kálmán, Electrochemical behaviour of an inhibitor film formed on copper surface, *Corrosion Sci.* 47 (2005) 893
10. **E.Szőcs**, L.Durrer, R.Luginbühl, N.Simic, A.S.Viana, L.M.Abrantes, R.Keese, H.Siegenthaler, STM investigations of Au(111) electrodes coated with Vitamin B₁₂ derivatives, *Surf. Sci.* 600 (2006) 43
11. E.Delort, **E.Szőcs**, R.Widmer, H.Siegenthaler, J.-L.Reymond, STM-Vizualization of Thiol-Containing Peptide Dendrimers on Au(111), *Macromol. Biosci.* 7 (2007) 1027
12. **E.Szőcs**, S.Menard, F.Schwager, M.Toben, N.Brese, Indium Electrodeposition for Thermally Conductive Interconnection Technology, *Advance Packaging*, 2009, in press

Hungarian Journal Articles:

13. Vastag Gy., **Szőcs E.**, Shaban A., Konczos G., Kálmán E., 5-merkapto-1-feniltetrazol inhibitor hatásának vizsgálata elektrogravimetriás és pásztázó alagútmikroszkópos módszerekkel, *Magyar Kémiai Folyóirat* 106 (2000) 110
14. Vastag Gy., **Szőcs E.**, Shaban A., Kálmán E., Tiazolszármazékok mint rézkozzói inhibitorok savas közegben, *Korróziós Figyelő* (6) 42 (2002) 193
15. Pilbáth Zs., Sziráki L., **Szőcs E.**, Papp K., A cirk-oxid korróziós védőképessége a gyakorlati alkalmazások tükrében, *Korróziós Figyelő* 41 (1) 3 (2001)

PRESENTATIONS

Conference Presentations:

1. R.Kazinczi, **E.Szőcs**, E.Kálmán, P.Nagy, Novel methods for preparing EC-STM tips, *9th International Conference on Scanning Tunneling Microscopy/Spectroscopy and Related Techniques STM'97*, Hamburg, Germany, Abstract Tu PDP01 (1997) (poster)

2. **E.Szőcs**, I.Felhősi, U.Schmidt, E.Kálmán, Dynamic behaviour of the inhibitor adsorption on Au(111) studied by in-situ Scanning Tunneling Microscopy, 193rd Meeting of Electrochemical Society, San Diego, USA (1998) (poster)
3. I.Felhősi, P.Baraadai, G.Hirshberg, **E.Szőcs**, E.Kálmán, In situ radiotracer and voltametric study of HEDP inhibitor adsorption on polycrystalline gold, 49th Annual meeting of ISE, Kitakyushu, Japan (1998) (lecture)
4. Gy.Vastag, **E.Szőcs**, A.Shaban, G.Konczos, E.Kálmán, Investigation of corrosion inhibition of Cu(111) by EC-STM and EQCM techniques, Eurocorr'98, Utrecht, Holland, Abstract 69 (1998) (lecture)
5. **E.Szőcs**, E.Kálmán, Corrosion inhibition study of Cu(111) by STM, 2nd Hasliberg Workshop on Nanosciences, Hasliberg, Switzerland (1998) (poster)
6. **E.Szőcs**, A.Shaban, E.Kálmán, Investigation of copper corrosion inhibition in acidic solutions by 5-mercapto-1-phenyl-tetrazole, 50th Annual meeting of ISE, Pavia, Italy, Abstract 844 (1999) (poster)
7. Gy.Vastag, **E.Szőcs**, A.Shaban, K.Popov-Pergal, E.Kálmán, Inhibition of copper corrosion in acidic sulphate containing solution by thiazole derivatives, Eurocorr'99, Aachem, Germany, Abstract 21 (1999) (lecture)
8. Gy Vastag, **E.Szőcs**, A.Shaban, E.Kálmán, Heterocyclic compounds as corrosion inhibitors for copper, Fachgruppentagung 1999 der GDCh-Fachgruppe Angewandte Electrochemie, "Metalle in der Electrochemie – Gewinnung, Abscheidung, Korrosion", Freiburg, Germany, Abstract 25 (1999) (lecture)
9. **E.Szőcs**, Gy.Vastag, A.Shaban, I.Bertóti, E.Kálmán, Adsorption and corrosion protection behavior of thiazole derivatives on copper surfaces, 14th International Symposium on the Reactivity of Solids, Budapest, Hungary, Abstract 126 (2000) (poster)
10. A.Shaban, **E.Szőcs**, Gy.Vastag, E.Kálmán, Investigation of copper corrosion inhibition at nanometer scale, EMCR'2000, 7th International Symposium on Electrochemical Methods In Corrosion Research, Budapest, Hungary, Abstract 128 (2000) (lecture)
11. L.Sziráki, **E.Szőcs**, Zs.Pilbáth, K.Papp, E.Kálmán, Study of the initial stage of the white rust formation on single crystal zinc by EIS, STM/AFM and SEM/EDS techniques. EMCR'2000, 7th International Symposium on Electrochemical Methods In Corrosion Research, Budapest, Hungary, Abstract 138 (2000) (lecture)
12. I.Felhősi, E.Kálmán, P.Póczik, **E.Szőcs**, Layer formation by self-assembling molecules – A study of the corrosion protection effect, KCSC 200, 3rd Kurt Schwabe Corrosion Symposium "Novel Materials and Methods for Improvement of Corrosion Resistance", Zakopane, Poland, Proceeding 315 (2000) (lecture)
13. **E.Szőcs**, A.Shaban, Gy.Vastag, E.Kálmán, Investigation of copper corrosion inhibition in acidic media at nanometer-scale, KCSC 200, 3rd Kurt Schwabe Corrosion Symposium "Novel Materials and Methods for Improvement of Corrosion Resistance", Zakopane, Poland, Proceeding 325 (2000) (lecture)
14. I.Felhősi, P.Póczik, **E.Szőcs**, E.Kálmán, Mechanism of corrosion inhibition of self-assembling molecules, 51st Annual Meeting of ISE, Warsaw, Poland, Abstract 68 (2000) (lecture)
15. **E.Szőcs**, A.Shaban, E.Kálmán, Investigation of nano-structured inhibitor layers on Cu(111) surface using EC-STM, 3rd Hasliberg Workshop On Nanoscience, Hasliberg, Switzerland, Abstract 59 (2000) (poster)
16. **E.Szőcs**, A.Shaban, Gy.Vastag, E.Kálmán, Electrochemical behavior of inhibitor film formed on copper surface, Eurocorr'01, Riva del Garda, Italy, Abstract 210 (2001) (lecture)
17. Gy.Vastag, **E.Szőcs**, A.Shaban, E.Kálmán, Thiazole derivatives as corrosion inhibitors for copper, Eurocorr'01, Riva del Garda, Italy, Abstract 209 (2001) (poster)
18. Gy.Vastag, **E.Szőcs**, A.Shaban, E.Kálmán, New chemicals as potential inhibitors for copper corrosion, IUPAC Workshop „Electrochemistry and Interfacial Chemistry in environmental Clean-up and green chemical processes”, Coimbra, Portugal, Abstract L-6 (2001) (lecture)
19. **E. Szőcs**, Gy. Vastag, A. Shaban, E. Kálmán Electrochemical behavior of inhibitor film formed on copper surface, 201th Meeting of the Electrochemical Society, Philadelphia, USA, Abstract 290 (2002) (lecture)

20. Gy.Vastag, **E.Szőcs**, A.Shaban, E.Kálmán, Adsorption and corrosion inhibitive properties of some thiazole derivatives on copper surface in acidic solutions, *4th International Conference of the Chemical Societies of the South-East European Countries*, Belgrade, Serbia&Montenegro (2003) (poster)
21. Gy.Vastag, **E.Szőcs**, A.Shaban, E.Kálmán, Corrosion Inhibitive properties of some thiazole derivatives on copper in acidic solutions, *Eurocorr 2003*, Budapest, Hungary (2003) (lecture)
22. E.Delort, R.Widmer, **E.Szőcs**, H.Siegenthaler, J.-L.Reymond, STM-visualization of peptide dendrimers on Au(111), *3rd International Dendrimer Symposium*, Berlin, Germany (2003) (poster)
23. C.R.Bradbury, M.Carrara, S.Huclova, **E.Szőcs**, H.Siegenthaler, D.J.Fermín, Electrostatic assemblies of metal nanoparticles on modified electrodes. Organisation and electronic coupling, Spa, Belgium (2004) (poster)
24. T.Darbe, L.Durrer, R.Luginbühl, N.Simic, **E.Szőcs**, R.Keese, H.Siegenthaler Electrochemical and STM investigations of electrodes coated with Vitamin B₁₂ derivatives, *55th International ISE Meeting*, Tessaloniki, Greece (2004) (poster)
25. **E.Szőcs**, F.Schwager, M.Toben, N.Brese, High-speed Indium Electrodeposition: Efficient, Reliable TIM Technology, ESTC 2008, Greenwich, England
26. **E. Szőcs**, F.Schwager, M.Toben, N.Brese , High-speed Indium Electrodeposition: Efficient, Reliable TIM Technology, IMAPS 2008, Province, USA
27. **E. Szőcs**, Nachbehandlung: Organischer Korrosionsschutz von Zinnoberflächen, Seminar, 24 June 2009, Pforzheim, Deutschland
28. **E. Szőcs**, M.Clauss, F.Schwager, Neuer organischer Korrosionsschutz für Zinn-Oberflächen, ZVO Oberflächentage, Sept-2009, Bremen, Deutschland