

Dr. Thomas Zimmermann, M.A.
Associate Professor of Archaeology

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curriculum vitae

■ **Personal data**

Birthdate and -place: 09.05.1974, Kelheim, Germany

■ **Current affiliation**

Associate Professor of Archaeology
Bilkent University
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■ **Schooling**

1988-1994: Johannes-Nepomuk-Gymnasium der Benediktiner, Rohr/Nb.; Abitur 07/1994
1984-1988: Donau-Gymnasium Kelheim
1980-1984: Grundschule Hohenpfaahl, Kelheim

■ **Academic education and merits**

09/2019 Promotion to Associate Professor at the Department of Archaeology, Bilkent University.

09/2006: Appointment as Assistant Professor at the Department of Archaeology, Bilkent University.

01/2006: PhD, University of Regensburg.

Doctoral Dissertation: "*Archäologische Untersuchungen zu den ältesten kupferzeitlichen Bestattungen mit Dolchbeigabe in ausgewählten Modellregionen Alteuropas*", published as Volume 71 of the Römisch-Germanisches Zentralmuseum Mainz monograph series (cf. publication list).

1998-1999: Study year abroad at Bilkent University, Ankara, funded by a DAAD (German Academic Exchange Service) scholarship. Art History, Near Eastern Archaeology, and Classical Archaeology.

1994-2000: M.A., Regensburg University, Germany. Prehistory, European Ethnology, and Classical Archaeology.

Master Thesis: *“Die bronze- und eisenzeitlichen Troiafunde der Sammlung Heinrich Schliemann im Besitz des Römisch-Germanischen Zentralmuseums Mainz, Forschungsinstitut für Vor- und Frühgeschichte”*, published as Volume 40 of the Römisch-Germanischen Zentralmuseums Mainz catalogue series (cf. publication list).

■ Language skills

German:	mother tongue
English:	fluent
Turkish:	fluent
French:	good
Spanish:	basic knowledge

■ Work experience

- 06/2007-07/2017: Acting Chair of the Department of Archaeology, Bilkent University.
- 09/2006: Appointment as Assistant Professor of Archaeology, Bilkent University.
- 09/2003: Instructor, Department of Archaeology and History of Art, Bilkent University, Ankara.
- 2000-2003: Research Associate, Römisch-Germanisches Zentralmuseum Mainz, project cluster “*Studien zur Struktur und Genese von Eliten und vor- und frühgeschichtlichen Gesellschaften*” (*structure and emergence of elites in pre- and protohistoric societies*).

■ Teaching experience

Courses taught (Bilkent University, 09/2003 – 05/2018)

Undergraduate (Bachelor of Arts)

- Introduction to Archaeology
- Ancient Near Eastern and Egyptian Civilizations.
- Societies and Cultures of the Classical World.
- History of the Ancient Near Eastern and Mediterranean Civilizations.
- Palaeolithic Archaeology
- Anatolian Archaeology (Neolithic to Iron Age).
- Introduction to European Prehistory (Palaeolithic to Late Neolithic).
- Archaeology of Troy.
- The Early Bronze Age in Anatolia.
- Ancient Near Eastern Trade Patterns.
- Readings in Prehistory – European Prehistory II (Bronze Age to Roman times).
- Science in Archaeology.
- Neolithic and Chalcolithic Periods in Anatolia.
- Ancient Technologies and Materials
- Palaeolithic Archaeology.

Graduate (Master of Arts)

- Preclassical Art and Archaeology – Innovations in Prehistory
- Readings in Near Eastern Archaeology – Hephaistos in the East: Early Metallurgy in Anatolia and its Neighboring Regions.
- Preclassical Art and Archaeology – The Archaeology of War and Violence in Pre- and Early Historic Societies.
- Preclassical Art and Archaeology – Late Bronze Age elites in Europe and the Mediterranean.

■ Thesis supervision

(M.A.)

Nurcan Aktaş, “Palaeolithic Research in Anatolia. History, Problems and Potential”, Master Thesis, supervisor, completed 05/2018.

Burak Arcan, “Early Bronze Age Daggers in Central Anatolia”, Master Thesis, supervisor, completed 06/2012.

Evren Y. Geniş, “Non-Destructive X-Ray Fluorescence Analysis of Early Bronze Age Metal Items

from Kalinkaya-Toptaštepe: With Critical Remarks on the Formely Applied Electrochemical Cleaning Procedure”, MSc Thesis, Program in Archaeometry, Middle East Technical University, co-supervisor, completed 07/2011.

Volkan Güngördü, “Trade and Society in the Central Anatolian Neolithic – Settlement Patterns, Burial Customs and the Evidence for Interregional Trade”, Master Thesis, supervisor, completed 01/2010.

Erica Hughes, “Absolute and Relative Dating of Hallan Çemi Tepesi”, Master Thesis, jury member, completed 06/2007.

(PhD)

Nur Deniz Ünsal, “Archaic Wall and Floor Coverings: Context, Technique and Design”, PhD thesis in progress, Department of Archaeology, Uludağ University, Bursa (committee member).

■ Public lectures & seminars

11/2019: “İçimizdeki Cani. Pre- ve Protohistorya Döneminde Savaş ve Organize Vahşiyet Üzerine Düşünceler”, 12.11.2019, Ankara US Düşünce Atölyesi

10/2019: "Bir Başka Yılan Hikayesi. Göbeklitepe ve Hayvan Sembolizmasına Farklı bir Bakış", 16.10.2019, Ankara Sosyal Bilimler Üniversitesi.

04/2019: "Paleolitik Çağında “Kavramsal Devrim” ve İnsanoğlu’nun Sanat Keşifi", 24.04.2019, Ankara US Düşünce Atölyesi.

02/2019: "Hattiler'den Hititler'e Maden Kullanımı", 27.02.2019, Ankara Hacıbayram Veli Üniversitesi, Kültür Miras Koruma Toplu.

11/2018: "Ein Thron aus Eisen für den König! - Metalle und Metallurgen im hethitischen Grossreich des 2. Jahrtausends v. Chr.", 6.11.2018, Wroclaw (Poland), invited lecture at the Annual Communications of the Polish Academy of Sciences (PAN).

04/2017: “Hephaistos’un yeni doğuşu? Anadolu’da madencilik’in keşfi, durgunluğu, ve yeniden yükselişinin sırrı”, invited lecture, Bülent Ecevit Üniversitesi, Zonguldak.

04/2017: “Home is where the hearth lies. Spiritual and social organization of earliest sedentary communities in Anatolia”, invited lecture, Middle East Technical University (METU) Architectural Society, Ankara.

03/2017: “Anadolu’da Seçkin Sınıfın Doğuşu ve Yükselişi - MÖ 4.000 ve 3.000’ler”, seminar (3 hours), The Turco-British Association (TBA), Ankara.

03/2017: “The Blacksmith’s finest hour? Insistence and Innovation in Hattian and “Early Hittite” metalwork (late 3rd and early 2nd millennium BC)”, invited lecture, St. Kliment Ohridski Üniversitesi Sofia.

03/2017: “Pre-ve Protohistorik Anadolu’da Madencilik ve Seçkin Sınıfın Doğuşu Güncel bir değerlendirme”, invited lecture, Middle East Technical University (METU) Archaeological Society, Ankara.

01/2017: “Alaca Höyük’te MÖ. Erken 2. bin yılında Maden Kullanımı ve Maden Üretim”, invited lecture, Alaca Höyük Destek Derneği, Ankara.

03/2016: “İnanç, İdeoloji ve Yönetim. Göbekli Tepe, İlk Mabetler, ve Yerleşik Hayata Geçme Sırrı.”,

invited lecture, Ege University, İzmir.

06/2015: "Es ist nicht alles Gold was glänzt – Archäologisches und archäometrisches zu frühen Schmuckformen in Anatolien", invited annual ceremonial address, Institute for Pre- and Protohistory, Johannes Gutenberg University Mainz, Germany.

04/2015: "Troia, Hattuşa, Çatalhöyük – Drei Weltkulturerbestätten zwischen historischer Bürde und archäologischer Realität", invited lecture, UNESCO World Heritage Center, Regensburg, Germany.

03/2015: "Die Hethiter – Geschichtliches und archäologisches zu einer multikulturellen Grossmacht im 2. Jt. v. Chr.", invited lecture, Büttelborn Historical Society; Historical Municipality Büttelborn, Germany.

03-05/2013-2014: "The Hittites – Formation, Apogee and Disintegration of a Near Eastern Superpower in the 2nd Millennium BC". Lecture Series for ASA (Australians Studying Abroad) and ROADSCHOLAR study groups, Ankara, Turkey.

02/2013: "The Journey of Man". TedX Youth Event, Bilkent BLIS, Ankara, Turkey.

06/2011: "Current archaeological research in Turkey – political and academic fault lines", lecture jointly organized by the Turkish Ministry for Foreign Affairs for young Turkish diplomats, Bilkent English Prep. School, Ankara, Turkey

04/2011: "Anadolu'da Şarşıtan İlkler – Neolitik Döneme yeni bir bakış", Galeri Sandans, ODTÜ Kültür Grubu, Ankara, Turkey

10/2010: "Hephaistos im Orient - Neue archäologische und archäometrische Erkenntnisse zu Technologie und sozialer Dimension vorklassischer Metallverarbeitung in Vorderasien", invited lecture, University of Vienna, VIAS Institute for Archaeological Science, Austria.

04/2010: "Kalınkaya-Toptaştepe'deki Kalkolitik ve Erken Tunç Çağına ait Anıtların Arkeolojik ve Arkeometrik Değerlendirmesi", invited lecture, Museum of Anatolian Civilizations, Ankara, Turkey.

10/2009: „Aktuelle Entwicklungen der prähistorischen Archäologie in der Türkei“, invited evening lecture for European Parliament Group, Radisson Hotel, Ankara.

05/2009: „Krieger, Priester, Bronzeschmiede – Neue Forschungen zu frühbronzezeitlichen Eliten in West- und Inneranatolien“, invited lecture, Dept. of Classical Archaeology, Ludwig Maximilian University Munich, Germany.

07/2008: "The Hittites – Formation, Apogee and Disintegration of a Near Eastern Superpower in the 2nd Millennium BC". Turkish-American Association (TAA), Ankara, Turkey.

04/2007: "Yeni Arkeometrik Araştırmaların Işığında Erken Tunç Çağı İç Anadolu'su Seçkin Sınıflarının Madenciligi ve Maden Kullanımı" [Metallurgie und Metallverwendung frühbronzezeitlicher Eliten in Zentralanatolien im Licht neuer archäometrischer Forschungen]. Middle East Technical University, Department of Archaeometry, Ankara, Turkey.

11/2006: "Kalınkaya und seine Nachbarn – Neue Forschungen zu Siedlungswesen und Metallurgie im nördlichen Zentralanatolien". Deutsches Archäologisches Institut, Istanbul, Turkey.

10/2006: "Kult und Prunk im Herzen Hattis - Neue Forschungen zu frühbronzezeitlichen Siedlungen und Bestattungspätzen in Zentralanatolien". Institut für Vor- und Frühgeschichte der Johannes-Gutenberg Universität Mainz, Germany.

12/2005: "The 'Sky Disc' from Nebra: A Star-Spangled Forgery?". American Research Institute in Turkey (ARIT), Ankara, Turkey.

01/2005: "Troy and its Treasures". Hilton Hotel, Ankara, Turkey.

05/2004: "Treasure Finds from Early Bronze Age Anatolia – Their Context and Significance". Turkish-American Association (TAA), Ankara, Turkey.

02/2002: „Tempus Fugit – Gedanken zur antiken Zeitmessung“. Römisch-Germanisches Zentralmuseum Mainz, Germany.

10/2001: "Early Stabbing Weapons and the Emergence of Copper Age Elites in Southeast and Central Europe". Bilkent Universität, Ankara, Turkey.

04/2001: „Genese und Struktur kupferzeitlicher Eliten vom Schwarzmeerraum bis Mitteleuropa“. Institut für Vor- und Frühgeschichte der Johannes-Gutenberg Universität Mainz, Germany.

02/2001: „Der Dolch – Archäologisches und Historisches zu einer heimtückischen Stichwaffe“. Römisch-Germanisches Zentralmuseum Mainz, Germany.

Seminars in the frame of ERASMUS staff exchange

03/2017: "Thou shalt not kill....? Organized violence and warfare in European and Near Eastern Pre- and Early Historic societies", Wrocław University.

04/2008 "Centre and Periphery in the 3rd millennium BC: Kalinkaya – A Chalcolithic Early Bronze Age Settlement and Cemetery in Central Anatolia". Comenius-University Bratislava and Trnava University, Slovakia.

04/2008 "From Malachite to Metallurgy: Early Advances in Near Eastern Metal Production and Consumption". Comenius-University Bratislava and Trnava University, Slovakia.

04/2008 "Early Metallurgists in the Hatti Heartland: New Archaeometrical Data from Early Bronze Age Central Anatolia". Comenius-University Bratislava and Trnava University, Slovakia.

■ Papers given at international symposia

05/2019: "Princes under pressure? Ecological challenges and a different reading of "Royal Burials" in Early Bronze Age Anatolia", 4.2 ka BP in Anatolia: The Crisis Years and its Aftermath, International Conference, Yaşar University, İzmir, Turkey, 17.-18.05.2019.

10/2018: "Rethinking the great void - the inception, idleness and Balkan-born "second coming" of Anatolian Late Chalcolithic metalwork", International Conference, Galabovo in SE Europe and Beyond. Cultural Interactions during the 3rd/2nd Millennium BC, Galabovo, Bulgaria, 24.-27.10.2018.

10/2018: ""He that dies pays all debts" – Rethinking elaborate burials in 3rd millennium BCE Upper Mesopotamia and Anatolia", International Conference "Princely Graves between the Caucasus and Atlantic 3500–2500 BCE", Podgorica, Montenegro (organized by the German Archaeological Institute (DAI), 15.-19.10.2018.

07/2018: "Der Tod macht uns im Grabe gleich – Diesseitiges und Jenseitiges zum Analogieproblem bei der Interpretation frühbronzezeitlicher Prunkgräber", International Conference "Von der Archäologie der Gegenstände zur Archäologie der Ideen"/ "From the Archaeology of Things to the Archaeology of Ideas", Biskupin, Poland, 09.-13.07.2018.

10/2017: "Seek not Greater Wealth, but Simpler Pleasure..." – Rethinking elite legacies in Bronze Age Anatolia", International Conference "Ancient Communities and their Elites from the Bronze Age to Late Antiquity (Central Europe – Mediterranean – Black Sea)" organized on the occasion of

the 25th anniversary of the re-established Trnava University in Trnava and the 20th anniversary of Department of Classical Archaeology, Trnava University, Trnava, 06.-08.10.2017.

07/2017: "Archaeometrical analysis of metallurgical assemblages – Past, present and beyond". International Workshop "The power of the metal and the opportunities of this power. Geologists and archaeologists in the Northwest Rhodopes", Museum Velingrad, 05.-06.07. 2017.

05/2017: "İğneler sana her zaman yakışır" – M.Ö. geç 3. ve 2. bin yıl İç Anadolu mücevherciliğinde teknolojik devamlılık ve değişiklikler hakkında arkeometrik gözlemler", GÖNKUYSEM 2017 - Geçmişten Günümüze Kuyumculuk Sempozyumu (Arkeo-Metalurji, Arkeo-Jeoloji ve Arkeo-Gemoloji), Süleyman Demirel University, İsparta, 10.-13.05.2017.

12/2016: "Alaca Höyük'te MÖ. Erken 2. bin yılında Maden Kullanımı ve Maden Üretimi İlk Arkeometrik Gözlemler", 7. Uluslararası Çorum Kazı ve Araştırma Sempozyumu, Çorum, 16.-17.12.2016.

09/2014: "Better Your Own Copper Than Another Man's Gold - Reassessing Tradition and Innovation in Late Chalcolithic/Early Bronze Age Central Anatolian Metal Consumption", 20th Annual Meeting of the European Association of Archaeologists (EAA), Istanbul, Turkey, 11.09.2014.

05/2012: "Frühbronzezeitliche Metallurgie und Chronologie entlang der türkischen Schwarzmeerküste. Zwei Themen – Ein Dilemma". Humboldt-Kolleg „Der Schwarzmeerraum vom Neolithikum bis in die Früheisenzeit (6000 – 600 v.Chr.): Kulturelle Interferenzen in der Zirkumpontischen Zone und Kontakte mit ihren Nachbargebieten“, Varna, Bulgaria, 16.-20.05.2012.

09/2011: "Lithic Daggers in the Ancient Near East – Whence and Whither?", 17th Annual Meeting of the European Association of Archaeologists (EAA), Oslo, Norway, 15.09.2011.

09/2011: "Arkeometri Gözüyle Kalınkaya-Toptaştepe Erken Tunç Çağı", II. Çorum Kazı ve Araştırmalar Sempozyumu, Çorum Museum, Çorum, 26.09.2011.

10/2010: "Legal aliens on Hattian grounds? – tracing the presence of 'foreigners' in 3rd millennium Central Anatolia", The Phenomena of Cultural Borders and Border Cultures Across the Passage of Time (from the Bronze Age to the Late Antiquity) organized on occasion of the 375th anniversary of Trnava University Trnava, Trnava, Slovakia, 22.10.2010.

05/2010: "Early Bronze Age Metalwork in Central Anatolia - New Archaeometrical Insights", workshop "Central Anatolia During the Early Bronze Age - New Research and Possibilities", British Institute at Ankara, 07.05.2010.

05/2010: (together with T. Yıldırım) "Non-Destructive XRF Analysis of Early Bronze Age Metal Objects from the Çorum and Çankırı Archaeological Museum Collections", 32th International Symposium on Excavations, Surveys and Archaeometry, hosted by the Turkish Ministry of Culture and Tourism, Istanbul, 28.05.2010

05/2010: (together with E. Y. Geniş) "60 Years of Anatolian Archaeometry – Problems and Perspectives", 32th International Symposium on Excavations, Surveys and Archaeometry, hosted by the Turkish Ministry of Culture and Tourism, Istanbul, 27.05.2010

04/2010: "Lapanu – let (it) glow! Recent archaeometrical analysis of Hattian and Hittite metalwork", 7th International Congress on the Archaeology of the Ancient Near East (7th ICAANE), London, British Museum and University College London, 12-16 April 2010.

05/2009: (together with T. Yıldırım) "Non-Destructive XRF Analysis of Early Bronze Age Metal Objects from the Çorum Archaeological Museum Collection", 31th International Symposium on Excavations, Surveys and Archaeometry, hosted by the Turkish Ministry of Culture and Tourism, Denizli, 28.05.2009.

05/2009: "Early Bronze Age Elites: A Fresh Look at Some Old and New Evidence from West and Central Anatolia", Early Bronze Age Troy – Chronology, Cultural Development, and Interregional Contacts, University Tübingen, Germany, 10.05.2009.

10/2008: "Frühe Metallobjekte zwischen Westlichem Schwarzmeer und Taurusgebirge in kultischem und profanem Kontext – Neue Studien zu Rohstoffen, Technologie und sozialem Zeigerwert". Internationales Kolloquium "Bronzen im Spannungsfeld zwischen praktischer Nutzung und symbolischer Bedeutung", 9.-10.10.2008, Westfälische Wilhelms-Universität Münster, Germany.

06/2008 (zusammen mit T. Yıldırım): "Three Best to Have in Plenty – Rethinking Central Anatolian Early Bronze Age Alloying Traditions". International Conference AMITEM 2008 – Ancient Mining in Turkey and the Eastern Mediterranean, 15.-22. 06.2008, Atılım University/National Library, Ankara, Turkey.

05/2008: "Kalınkaya-Toptaştepe: A general account on its Chalcolithic/ Early Bronze Age domestic and funeral monuments". 30th International Symposium on Excavations, Surveys and Archaeometry, hosted by the Turkish Ministry of Culture and Tourism, 25.05.-30.05.2008, Ankara University, Ankara, Turkey.

03/2008: "The inhospitable sea" revisited – Reevaluating Pontic human activity and interaction from the 5th to the 3rd millennium BC". 12th Symposium on Mediterranean Archaeology (SOMA 2008), 05.-08.03. 2008, Eastern Mediterranean University, Gazimağosa/Famagusta, North Cyprus.

11/2007: "Symbols of Salvation? – Function, Semantics, and Social Context of Early Bronze Age Ritual Equipment from Central Anatolia". International Symposium Cult and Sanctuary through the Ages (from the Bronze Age to the Late Antiquity), 16-19.11.2007, Častá-Papiernička, Slovakia.

05/2007 "Some EBA metal finds from the Çorum region in the light of recent research", 29th International Symposium on Excavations, Surveys and Archaeometry, hosted by the Turkish Ministry of Culture and Tourism, 28.05.-01.06.2007, Kocaeli University, Kocaeli-Izmit, Turkey.

04/2007: "Excavating Thorstein Veblen – Thoughts on conspicuous consumption amongst social elites in Early Bronze Age Asia Minor". 11th Symposium on Mediterranean Archaeology (SOMA 2007), 24.-27.04.2007, İstanbul Technical University (İTU), İstanbul, Turkey.

05/2006: "Hatti'den Yeni Haberler: Kalınkaya'nın Kalkolitik ve Erken Tunç Çağı Buluntuları". 28th International Symposium of Excavations, Surveys and Archaeometry, hosted by the Turkish Ministry of Culture and Tourism, 29.05.-02.06.2006, Çanakkale University, Çanakkale, Turkey.

03/2006: "Anatolia as a Bridge from North to South?". Transanatolia: Bridging the Gap Between East and West in the Archaeology of Ancient Anatolia. An International Conference. 31st March-1st April 2006, British Museum, London, England.

11/2005: "Is this a dagger I see before me...? – The earliest horizon of stabbing weapons in Anatolia and a re-evaluation of Anatolian-Eurasian relations in the Late 4th and 3rd millennium BC". International Symposium Arms and Armour through the Ages (from the Bronze Age to Late Antiquity), 19.-21.11.2005, Modra-Harmonia, Slovakia.

04/2005: "The Philosophy of Time and Time-Telling Devices in the Early Islamic World". Time and Astronomy in Past Cultures, under auspices of the Société Européenne pour l'Astronomie dans la Culture (SEAC), March 30th –April 1st, 2005, Torun, Poland.

03/2004: "Time and the Phenomenon of Timekeeping amongst Prehistoric and Early Historic Societies", Continuity/ Rupture. Perspectives on the Past, the Present and Change, The Second Annual Symposium of the Bilkent University Program in Cultures, Civilizations and Ideas, March 5-7, 2004, Bilkent University, Ankara, Turkey.

■ Organisation of international workshops and symposia

04/2016: “De/ReConstructing Archaeology on Screen”, in cooperation with the Department of Communication and Design, Bilkent University, 2. April 2016.

11/2014: “A Tribute to Hans Gustav Güterbock – A Pioneer in Hittitology”, in cooperation with the Department of History, Bilkent University, 8. November 2014.

04/2011: “Hittites at the Universities”, Lectures and Exhibition, in cooperation with the Governship of Çorum and Çorum Municipality, 26.-28. April 2011.

10/2007: “Sacred Landscapes in Anatolia and its Neighboring Regions”, International Symposium, Bilkent University, 18.-21. October 2007 (zusammen mit Charles Gates und Jacques Morin).
→ Published as British Archaeological Reports (BAR) Series 2034, Oxford 2009.

■ Field experience

2016-cont. Alaca Höyük excavation (Prof. Dr. Aykut Çınaroğlu, Duygu Çelik); specialist for archaeometrical analysis of metals and metal production-related items.

2011-2013 Project “Resuloğlu” (Ankara University, Prof. Dr. Tayfun Yıldırım); Excavation of Early Bronze Age settlement(s) and cemetery, Central Turkey; specialist for metal objects; supervisor of NW mound sounding.

2007-2008: Project “Nerik” (Freie Universität Berlin, PD Dr. Rainer Czichon); Excavation of multiperiod settlement mound in Oymaağaç, Samsun, North Turkey; specialist for Early Bronze Age finds and features.

1996-1999: Student assistant at “Kuşaklı-Sarissa” (field director Prof. Dr. Andreas Müller-Karpe); Excavation of a Hittite provincial town in East Cappadocia, Turkey; trench supervisor, documentation of finds and features.

1995-1998: Student assistant, research project “Bogenberg” (multiperiod hilltop settlement), Bavaria, Germany; documentation of finds and features.

1993-1998: Student assistant employed at *Kreisarchäologie Kelheim* (local archaeology mission Kelheim) and freelance excavation companies *ArcTron* und *Faustus*; rescue excavations (Neolithic – Early Medieval ages) in Kelheim, Regensburg and Neumarkt/Opf.; training in excavation and documentation techniques, including drafting, illustration, and GPS/GIS.

■ Current projects

- since 5/2017: “Archaeometallurgical analysis of copper-based artefacts from Kinet Höyük”

Analysis of copper-based metal artefacts from Kinet Höyük, covering all phases, from the Early Bronze Age (phase VI.4) through the Medieval period (phase I), in cooperation with the Regional Laboratories (Ankara Bölge Laboratuvarları) and SANAEM (Sarayköy Nuclear Research and Training Center).

- since 5/2016: “Middle and Late Bronze Age metal consumption at Alaca Höyük”

Documentation and archaeometrical analysis of metal objects and residues at a Hittite metal workshop. Spectral analysis of early 2nd millennium materials in the Alaca Höyük museum collections in cooperation with the Directorate of Museums and Monuments Ankara Regional Laboratories and Ankara University (Prof. Dr. Aykut Çınaroğlu, Dr. Duygu Çelik)
Project coordinator: Asst. Prof. Dr. Thomas Zimmermann

- since 1/2007: “Early Metallurgy in the Hatti Heartland”

X-Ray Fluorescence (XRF), Raman- and Fourier-Transform-Infrared (FTIR) analyses of Early Bronze Age metal and mineral items from Central Anatolia; studies on metal production, consumption and alloying techniques in cooperation with SANAEM, the Museum of Anatolian Civilizations, and Ankara University (Prof. Dr. Tayfun Yıldırım).

Project coordinator: Asst. Prof. Dr. Thomas Zimmermann

(preliminary reports published in Antiquity Project Gallery, Anatolien Studies and AMITEM conference proceedings (cf. publication list).

- since 12/2006: “Kalınkaya – A Chalcolithic/ Early Bronze Age settlement and cemetery in North Central Anatolia”

Publication of finds and original documentation, stored in the Museum of Anatolian Civilizations, funded by a Bilkent Research Development Grant.

(preliminary reports published in Antiquity Project Gallery and Istanbul Mitteilungen (cf. publication list).

■ Consulting

1/2011-1/2012: REGIO Consulting; Senior Consultant for NABUCCO pipeline project

- Development of methodological/ logistic framework.
- Revising progress reports according to international/ UNESCO standards

12/2008-05/2009: ENCON Environmental Consulting; Senior Consultant for Ilisu/HEPP Project.

- Development of methodological/ logistic framework for Ilisu/ HEPP project archaeological and ethnographical rescue missions.
- Revising progress reports according to international/ UNESCO standards

5/2007: History Channel: “Lost Worlds – Lost Superpowers of the Bible” (Atlantic Productions, London), Consultant and commentator for episode on the late Hittite empire under Hattušili III. und Tudhaliya IV.; ca. 50 min, first aired 10/2007.

■ Refereeing

2020: anonymous referee for PLOS ONE / Quaternary International

2019: anonymous referee for PLOS ONE / Geochemistry

2014/2015/2016/2017/2018: anonymous referee for Anatolian Studies.

2013: anonymous referee for OLBA

2010: anonymous referee for Interdisciplinaria Archaeologica.

2009: anonymous referee for Quaternary International.

2007: anonymous referee for Antiquity.

Since 12/2006: permanent jury member reviewing DAAD doctoral and post-doctoral scholarship applications.

■ Membership in professional societies

- UISPP (Union Internationale des Sciences Préhistoriques et Protohistoriques) – Bronze Age Commission member

■ Publication list

I – Monographs

- 4) T. Zimmermann/T. Yıldırım/L. Özen/Ö. İpek, Early Bronze Age Metalwork in Central Anatolia. Archaeometrical Studies (in preparation).
- 3) T. Zimmermann, *Kalınkaya. Eine chalkolithisch-frühbronzezeitliche Siedlung mit Gräberfeld im nördlichen Zentralanatolien* (in preparation).
- 2) T. Zimmermann, *Die ältesten kupferzeitlichen Bestattungen mit Dolchbeigabe. Archäologische Untersuchungen in ausgewählten Modellregionen Alteuropas*. Monographien des Römisch-Germanischen Zentralmuseums Bd. 71 (Mainz 2007).
- 1) T. Zimmermann, *Die bronze- und früheisenzeitlichen Troiafunde der Sammlung Heinrich Schliemann im Besitz des Römisch-Germanischen Zentralmuseums*. Kataloge des Römisch-Germanischen Zentralmuseums Bd. 40 (Mainz 2006).

II – Edited books

- 1) C. Gates/J. Morin/T. Zimmermann, *Sacred Landscapes in Anatolia and Neighboring Regions*. Oxford: BAR International Series 2034 (Oxford 2009).

III – Essays in books and peer-review journals

- 57) T. Zimmermann, Archaeometrical Bulk Analysis of Metallurgical Assemblages – Past, Present and Beyond. In: *The power of the metal and the opportunities of this power. Geologists and archaeologists in the Northwest Rhodopes (Velingrad s.a.)* (submitted).
- 56) T. Zimmermann, Hatay Bay Hittites? – A Primary Archaeometrical Assessment of Late Bronze Age metalwork at Kinet Höyük. In: E. Pernicka/S. Blum/T. Efe/T. Kienlin (eds.), *Gedenkschrift für Manfred O. Korfmann* (in press).
- 55) T. Zimmermann, Ein Untergang im Morgenland? Göbeklitepe als Fallstudie für die Vollendung und das Verlöschen einer späteisenzeitlichen Jäger- und Sammlerkultur. *Journal of the Oswald Spengler Society* 3, 2020, 7-25.
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