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PRESENT

SCANNING HISTORY

USING MODERN TECHNOLOGY TO REVEAL SECRETS OF THE PAST

A 6 x 60' DOCUSERIES

CREATED BY MAX SERIO AND MARTIN KASE

SERIES OVERVIEW

An archaeological revolution has been taking place over the last 15 years and technology is at its beating heart. Archaeologists once excavated ancient ruins with little more than oral texts, haphazard plans, and aerial photographs to guide them. This series explores the massive changes technological innovation has brought to the discipline. It is now pushing the boundaries of archaeological discovery and our understanding of what once was. Thanks to the development of drones, lidar, radar, 3D technology and more, each episode brings a variety of archaeological finds to life and explores how groundbreaking research is casting a new light on ancient civilizations.

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EPISODE 1: CAESAR IN SPAIN



LASER SCANNING UNCOVERS THE MILITARY GENIUS OF JULIUS CAESAR IN HIS CONQUEST OF THE IBERIAN PENINSULA IN THE 1ST CENTURY BC.

Where: Spain - Iberian Peninsula
When: 2020
Discovery : 66 New Roman Army sites
Technology: 3D Scanning Technology

EPISODE 2: ITALY'S ATLANTIS



A MESOLITHIC ISLAND COMMUNITY IS REVEALED BY EXPERIMENTAL GEOPHYSICS, CHANGING THE FACE OF MEDITERANEAN ARCHEOLOGY

Where: Sicily - Island of Pantelleria
When: 2015
Discovery : 12-Metre Long Monolith and submerged towns
Technology: 3D Imaging and Data Analysis

EPISODE 3: TRACKING THE AMBER ROAD



FOLLOW ONE MAN'S LIFETIME OBSESSION TO UNCOVER THE MOST IMPORTANT TRADE ROUTE OF THE LATE MIDDLE AGES THAT RAN THE LENGTH OF EUROPE

Where: From Sicily to the Baltic Sea
When: 2021
Discovery : The legendary Amber Road
Technology: Aerial LiDAR Scanning, GIS analysis



EPISODE 4: LOST SILVER MINES OF EUROPE



ADVANCES IN GEOPHYSICAL AND 3D-IMAGING TECHNOLOGY TAKE US DEEP UNDERGROUND VISUALISING THE VAST FORGOTTEN SILVER MINES OF 5TH CENTURY CENTRAL EUROPE.

Where: From Dresden in Germany to Trento, Italy
When: 2020 - 2021
Discovery: Vast underground cathedrals lost to history
Technology: Geophysical, Magnetic and 3D Imaging, Augmented Reality

EPISODE 5: ARCHAEOGENETICS



FROM A SINGLE CAVE, ARCHAEOGENETICS HELPS UNCOVER THE STORY OF PREHISTORIC MAN'S JOURNEY ACROSS EURASIA. CREATING A GENETIC CATALOGUE OF HUMANITY AT THE CROSSROADS OF EUROPE.

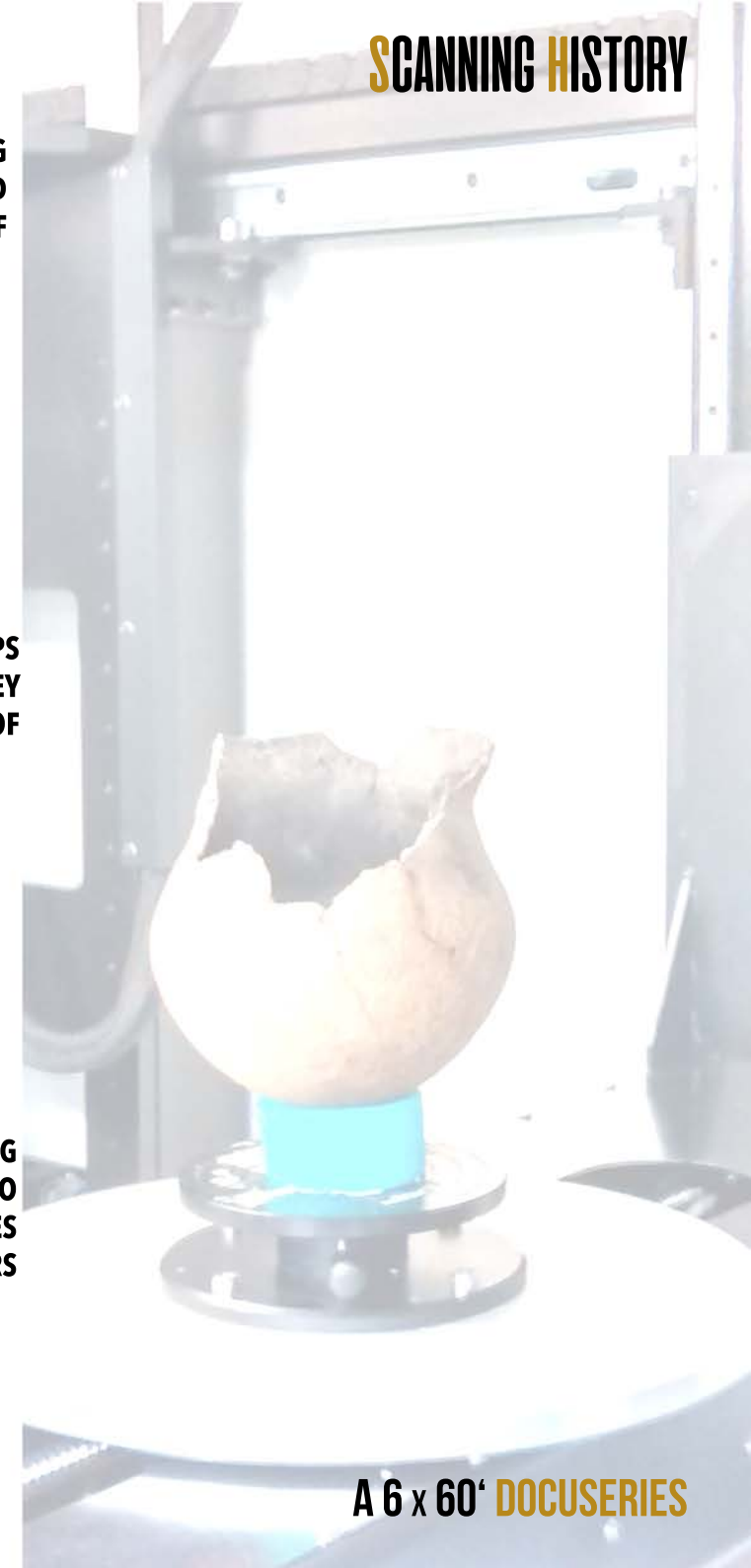
Where: Czech Republic, Germany
When: 2020 - 2021
Discovery: Creating a Genetic Catalogue of European Populations
Technology: Molecular DNA Analysis and Genetics

EPISODE 6: READING THE PAST



USING CT SCANNING AND ADVANCED 3D-MODELLING WE UNWRAP DOCUMENTS PREVIOUSLY LOST TO HISTORY AND REVEAL HOW MODERN LANGUAGES EVOLVED THROUGH A SORCERER'S STORY 1,300 YEARS AGO.

Where: Spain - Iberian Peninsula
When: 2014
Discovery : Keys To The Evolution of Ancient Languages
Technology: X-Ray and 3D Modelling





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