WEBVTT

## 1

00:00:00.000 --> 00:00:00.450
To.
2
00:00:06.750 --> 00:00:07.859
Yang Liu: message to propose.
3
00:00:08.220 --> 00:00:11.429
Debbi: Oh sorry we meant to record I forgot.
4
00:00:11.730 --> 00:00:14.790
Kara ZumBahlen: yeah i'm sorry we're just recording for people who can't be here.

5
00:00:16.619 --> 00:00:17.609
Kara ZumBahlen: James about that.
6
00:00:18.000 --> 00:00:18.900
Thank you CARA.
7
00:00:21.210 --> 00:00:29.610
Yang Liu: Thought you many cases is joining between mode sections appear has raised the rates are on the exterior of unfinished.

8
00:00:29.700 --> 00:00:30.180
Yang Liu: and

9
00:00:30.270 --> 00:00:50.280
Yang Liu: i'm sorry the exterior have finished the process after bonds queued the clay modes were broken and removed and the vessel was polished it to take away force and any metal then ahead slipped into the gaps between mode section.

## 10

00:00:51.540 --> 00:00:56.520
Yang Liu: So here is a to picture, there are two pictures show you how that work.

11
00:00:57.690 --> 00:00:59.400
Yang Liu: That gives you a.
12
00:01:00.900 --> 00:01:04.110
Yang Liu: better understanding how this this this this work.

13
00:01:06.270 --> 00:01:18.120
Yang Liu: And maybe you can spend some time to to study it me to the a lot of information available nine on the peace mode cast custom tactics so.

14
00:01:21.390 --> 00:01:25.620
Yang Liu: I, as I mentioned earlier that few squeeze collection.
15
00:01:27.870 --> 00:01:36.240
Yang Liu: is mostly strong in that area of you know from shank dynasty and and the particularly Western Tokyo with.

16
00:01:37.260 --> 00:01:46.470
Yang Liu: So here we have some example highlights from the song dynasty, this is a quarter john Jay, $I$ am sorry this caption is still in Chinese but.

17
00:01:48.270 --> 00:01:51.750
Yang Liu: Mostly, the English, and so this is a.
18
00:01:53.250 --> 00:02:04.560
Yang Liu: No as a char J Ay Ay it's a wine vessel this probably the one of the largest chart in this category and.

## 19

00:02:05.880 --> 00:02:14.160
Yang Liu: It actually has inscription just behind the handle on the wall that actually.

20
00:02:16.050 --> 00:02:29.280
Yang Liu: Is evidence about her who made that and sometimes it gives a date quite a precise date, but sometimes without that information, you know those.

21
00:02:30.000 --> 00:02:47.790
Yang Liu: are invaluable information about not only the production of Chinese bounces but also information about ritual political system and activities of rulers and and aristocracy.

22
00:02:49.020 --> 00:02:49.740
Yang Liu: So.

23
00:02:51.150 --> 00:03:09.420
Yang Liu: Nowadays, with our understanding and study of this period, really hugely rely on those Informations and so other thing that are you see on this vessel is that the decoration so on.

```
00:03:10.440 _-> 00:03:14.910
Yang Liu: All four sides you see that it decorated with.
25
00:03:16.170 --> 00:03:18.420
Yang Liu: Very mysterious.
26
00:03:19.980 --> 00:03:20.400
Yang Liu: kind of.
27
00:03:21.420 --> 00:03:29.010
Yang Liu: depiction of animal face, which is no as a as an animal mask.
28
00:03:30.480 _-> 00:03:59.310
Yang Liu: Sometimes, referred to as power here ta O ke VI he taught here, which
was the name that given to this type of decoration by much later art historians,
probably in the hundred St you know, in the second first or second century BC so
it's like thousand years later.
29
00:04:00.480 --> 00:04:07.290
Yang Liu: Whether it's it's it's useful or it's correct or not it's it's hard to
tell because.
30
00:04:08.640 --> 00:04:12.570
Yang Liu: there's nothing had mentioned in the contemporary.
31
00:04:13.590 _-> 00:04:18.390
Yang Liu: You know his questions and and and the later writings.
32
00:04:19.680 --> 00:04:27.570
Yang Liu: That refers to this kind of design has the power to what it means, how
it is, it is a kind of a.
33
00:04:29.520 _-> 00:04:31.470
Yang Liu: imaginary animal.
34
00:04:32.820 _-> 00:05:01.200
Yang Liu: So the in the Han Dynasty those scholars uses term to name this type
of mask so normally more if it's more accurate, we would rather call it just the
animal masks and rather than this term out here, because now, mostly are a kind
of bending the by serious art historians archaeologists.
35
00:05:04.350 _-> 00:05:21.600
```

Yang Liu: You know other thing is that this is a the motif this of a mask is always cast as a relief, against a background with meanders kind of abstract to design, so this is their kind of layers of.

## 36

00:05:22.800 --> 00:05:30.420
Yang Liu: Relief, rather than just one flat layer sometimes there are three layers and.

37
00:05:31.440 --> 00:05:45.540
Yang Liu: Other this one looks only when Actually, this is, there are three layers yes, if you look at the background, you know the meanders design and the mask, then the eyes, so that I formed the highest.

## 38

00:05:46.710 --> 00:05:47.790
Yang Liu: layer of this.

39
00:05:49.590 --> 00:05:50.520
Yang Liu: This leaf.
40
00:05:52.830 --> 00:05:56.580
Yang Liu: Now this is another masterpiece in our collection.
41
00:05:57.600 --> 00:06:12.990
Yang Liu: A vessel also wine vessel know as a GM G O n G it's used for containing one during the ritual ceremony, so this is probably the earliest.

## 42

00:06:15.630 --> 00:06:31.350
Yang Liu: type of code that manufactured during that time, because we know that from the archaeological excavation the one on the lower left corner that one is was excavated.

## 43

00:06:32.550 --> 00:06:44.250
Yang Liu: From a to a royal tune in a young, the the older capital of the shank dynasty which stage 21312 century.

44
00:06:45.390 --> 00:06:47.340
Yang Liu: Was the belong, you have.
45
00:06:49.050 --> 00:06:59.910
Yang Liu: Roy your console of King know as a routing so this tomb women, ladies, to whose name is a fool how ever you.

46
00:07:00.630 --> 00:07:25.560

Yang Liu: ha oh for heart that skill he was a boy, she was a general so she was a know as a as a fighter and work, you know so from her tomb that hundreds of boxes were excavated and because we know her and her husband, the King working quite well, so we could do.

## 47

00:07:26.730 --> 00:07:34.110
Yang Liu: Well date this tune to the to the to the the turn of the.

## 48

00:07:35.400 _-> 00:07:53.640
Yang Liu: century between 13 and 12 BC so, but if you compare this our goal with this one there from that full House tune, you will see that the in on the on the bartman body.

## 49

00:07:54.660 --> 00:08:18.840
Yang Liu: The actually the the motifs very similar, but the full how tombstone has this handle on the lead, so that means that, in terms of the technology, you know the design, it appears more complicated, so that must to come later than early.

50
00:08:19.920 --> 00:08:28.380
Yang Liu: If we agree that the tech technique of casting evolved from a simple simpler to more complicated.

51
00:08:29.490 --> 00:08:52.530
Yang Liu: So that's why $I$ assume that our goal is really then then for how long and but all our history and our characters or agree that the you know the full heart that going on, on your know left hand corner that picture that's the earliest it.

52
00:08:53.610 --> 00:08:56.400
Yang Liu: could be well dentist it example.
53
00:08:58.500 _-> 00:08:59.010
Yang Liu: So.
54
00:09:01.500 --> 00:09:09.630
Yang Liu: The other are different type of gum that, as you know, from from from that period, there are.

55
00:09:10.740 --> 00:09:16.170
Yang Liu: Basically, three types of office, the one is that you know, this is a.

## 56

00:09:17.310 --> 00:09:25.260
Yang Liu: The one that on your left is example from Harvard art museum collection, here we have.

## 57

00:09:28.440 --> 00:09:46.140
Yang Liu: squatting tiger on there on the left hand side and start of the vessel then on the right hand, you know, on the side, or with the handle it is large our ship to birth.

58
00:09:48.150 --> 00:10:02.070
Yang Liu: In relief so it's kind of a combination of a tiger and birth, which serve as the prominent no teeth for decoration of this vessel then.

## 59

00:10:02.550 --> 00:10:19.080
Yang Liu: The one that, in the middle, I think it's from Nada museum, so it remains the same motif of a tiger in the front and a bird on the back, however, it is ended with a flat bench in the middle.

60
00:10:20.940 --> 00:10:27.330
Yang Liu: So that $I$ kind of there's a difference, then the one on your right, you will see that.

61
00:10:28.590 --> 00:10:29.070
Yang Liu: The.
62
00:10:30.570 --> 00:10:49.170
Yang Liu: The vessels body is kind of be selected by far so automotives our range within this be selected spaces, rather than like the early example that terminal teams that kind of occupy entire and and.

63
00:10:50.220 --> 00:10:56.850
Yang Liu: Space without this is a framework of fudge so there's this difference.
64
00:10:57.120 --> 00:11:03.630
Debbi: so young, we have a question can you use your pointer to show those those lines.

65
00:11:04.350 --> 00:11:14.010
Yang Liu: Oh i'm sorry the here, this is a tiger see here, this is the head here, I think this serves as the head, so this is a body.

66
00:11:15.450 --> 00:11:16.350
Yang Liu: And a tail.
67
00:11:17.460 --> 00:11:18.300
Yang Liu: This is a leg.

```
6 8
00:11:19.380 _-> 00:11:20.400
Yang Liu: it's a squatting.
6 9
00:11:22.860 --> 00:11:23.400
Yang Liu: position.
7 0
00:11:24.090 _-> 00:11:32.730
Debbi: yeah but that's helpful to see that I think she's asking when you put the
pieces together what I think what you called the flanges.
71
00:11:33.210 --> 00:11:35.640
Yang Liu: Okay sandy this, this is a French.
7 2
00:11:36.090 _-> 00:11:37.020
Debbi: In the middle yeah.
7
00:11:39.330 _-> 00:11:44.010
Yang Liu: They will you know collection also has French here, this is a fan so
for the fans.
7 4
00:11:44.520 --> 00:11:51.690
J. Lynn's iPad: Is that where is that, where the parting lines are where the
different pieces of the cast or.
7 5
00:11:53.190 --> 00:12:04.560
Yang Liu: A good question actually a good assumption, yes, this uh this finances
this vessel has used for.
76
00:12:05.910 _-> 00:12:16.560
Yang Liu: Peace pieces of modes, so the adjoining is actually along the French
in the middle of the fact, if you look at very closely, you see there's a.
7 7
00:12:16.980 _-> 00:12:27.990
Yang Liu: You know this this find it looks like a like a almost like teeth like
but there's actually joining in the middle it's not open because of the.
78
00:12:28.740 --> 00:12:41.280
Yang Liu: Because of the joining of modes go through that middle section so it's
it's connected so and also sometimes you can see, although it's punished
sometimes difficult to see but.
7 9
00:12:42.060 --> 00:13:01.770
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Yang Liu: You can see actually, particularly on the you know this branch, if you look the lower section of this far end of the flange you can see the joy in the middle, as well, and sometimes the if there's a know French it could be know French but joining.

80
00:13:03.090 --> 00:13:07.830
Yang Liu: That actually distort entire you know the completed.

## 81

00:13:08.970 --> 00:13:30.750
Yang Liu: motif if it's a mask So you see that there's a there's a this match little bit mismatch between left and right that was caused by join, so you know the joint cannot can never cannot never been perfect so it's always kind of cost to the dispatching.

82
00:13:31.980 --> 00:13:34.590
J. Lynn's iPad: Do we know how they made the choice.

83
00:13:35.670 --> 00:13:39.360
J. Lynn's iPad: Do we know how they I mean because i'm guessing they didn't have.

## 84

00:13:39.360 --> 00:13:40.140
J. Lynn's iPad: A fortune.

85
00:13:40.410 --> 00:13:48.060
Yang Liu: If you look at this piece here this picture here, this is of course there's a different one right so see, they have a they have.

86
00:13:49.440 --> 00:13:50.130
Yang Liu: How many.
87
00:13:51.150 --> 00:14:11.820
Yang Liu: So there's a 123 main pieces that is wrapped you know surround the body, then also there are three pieces surrounded the three foot feet, then there's a call that it will be.

88
00:14:12.930 --> 00:14:14.880
Yang Liu: inside this vessel body.
89
00:14:15.840 --> 00:14:28.290
J. Lynn's iPad: What is it, but once they are on molded you have all of those pieces what what was the technology at the time to put those pieces together how did they how did they.

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00:14:29.550 --> 00:14:34.350
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J. Lynn's iPad: How did they weld those pieces together what was the technology.

## 91

00:14:34.590 --> 00:15:01.110
Yang Liu: Well, the you know so there's a claw you have a claw, then you have this piece pieces of mode surrounded leave a space between the core and the piece modes so there's a space, which is the which is reserved for the for the bronx for the for the vessel.

92
00:15:01.530 --> 00:15:02.970
Debbi: Right so.
93
$00: 15: 03.360$--> $00: 15: 03.780$
Then.

## 94

00:15:05.070 --> 00:15:13.920
Debbi: Is it the it isn't the resulting piece is isn't in pieces it's one solid bronze right it just has those extra.

95
00:15:15.420 --> 00:15:20.310
Debbi: flanges a metal where the pieces came together you don't have to weld it together.

96
00:15:20.790 _-> 00:15:29.220
Yang Liu: Well, it depends depends on this, for instance, this piece is cost is a one complete work, but for.

97
00:15:30.240 --> 00:15:31.920
Yang Liu: Particularly in late period.

## 98

00:15:33.000 --> 00:15:46.020
Yang Liu: When comes to some very complicated works, they are they're involved in several casting process, so they would the cost of one part first then make a mode to put that.

99
00:15:46.470 --> 00:15:58.080
Yang Liu: Already cast the past in the new mode then during the second cast that they already cast the past components will be joined to the body, so it depends.

100
00:15:59.340 --> 00:16:05.640
Yang Liu: If in these two pictures in they all cost as a one work, so one cost.
101
00:16:07.140 --> 00:16:07.770
J. Lynn's iPad: Thank you.

## 102

00:16:08.400 --> 00:16:08.970
pleasure.

103
00:16:14.130 --> 00:16:23.250
Yang Liu: And there's a some work car collection so well, no, because the we're in the form of imperial collection the.

104
00:16:26.010 --> 00:16:37.770
Yang Liu: Between the Ching period Ching dynasty the last dynasty Of course there are many rulers, one of the Emperor his name is a channel.

105
00:16:39.300 --> 00:16:42.180
Yang Liu: He rain, most of the 18 th century.
106
00:16:43.440 --> 00:17:00.210
Yang Liu: From 1727 he's reading was very long about 60 years, even after his retirement he still lived many years, so he had a lot of time, you know enjoying collecting and people he is a fervent collector and up lover.

## 107

00:17:01.380 --> 00:17:11.250
Yang Liu: So he collected several hundred of our key promises and perhaps us thousands of Chinese paintings Asian paintings here.

108
00:17:13.380 --> 00:17:15.030
Yang Liu: love them they're actually.
109
00:17:17.550 --> 00:17:25.620
Yang Liu: Asking his coat here on scholars through a catalog so because of this kellogg's, then we can identify the works now.

110
00:17:26.610 --> 00:17:40.590
Yang Liu: scattered in various collections, as the former up reflection, so this one this specific particular one was formerly in the collection of channel Emperor and it's so it was it's very well known, because of.

111
00:17:42.000 --> 00:17:45.360
Yang Liu: This imperial collection connection.
112
00:17:47.940 --> 00:17:52.410
Yang Liu: Then some other works are very unique because they're only as.

113
00:17:53.520 --> 00:18:03.990

Yang Liu: You know, several maybe less than five examples know to us, for instance, this one as you see, that to the examples I show you.

114
00:18:05.460 --> 00:18:13.740
Yang Liu: All kind of circular for informed, because the earlier branches, as you, you know that the most of the year.

115
00:18:14.880 --> 00:18:25.410
Yang Liu: Inspired or copy the farm from pottery because the poetry is always kind of run it and secular so then it's only.

116
00:18:27.330 --> 00:18:31.800
Yang Liu: India India after the you know the turn of.
117
00:18:32.880 --> 00:18:47.670
Yang Liu: The 13 th century BC in between 1312 century they appear to some words that in in the in the ship of square the work in the form of a square.

118
00:18:49.350 --> 00:18:54.390
Yang Liu: We can assume that the probably inspired by architectural.

119
00:18:55.470 --> 00:19:18.180
Yang Liu: A key architectural aesthetics, you know they're the houses and and and so on, so these here we have example, although via the upper section and the lower section all rounded However, the middle section, the main body is in a square form.

120
00:19:19.320 --> 00:19:25.860
Yang Liu: Here we have this a know as a you'll have fun you'll find your means actually a squared you.

121
00:19:26.910 --> 00:19:36.900
Yang Liu: fundings FA $n$ G actually means square yo is a name for this type of vessel, so it has this a very arrogant.

122
00:19:37.950 --> 00:19:39.780
Yang Liu: quiz for handle.
123
00:19:41.190 --> 00:19:46.620
Yang Liu: very closely attached leaves only a narrow gap in between the.
124
00:19:47.730 --> 00:19:52.140
Yang Liu: neck and the the handle and.

125
00:19:53.160 --> 00:19:55.800
Yang Liu: enter the as a there's a loop.

126
00:19:57.480 --> 00:20:23.910
Yang Liu: Just behind a two ends with a mask with animal hat there's a look that connected the with the with a with a with another a ping behind this this animal has so that this can swing you know it's it's what movable but there's also connection on the lit.

127
00:20:25.140 --> 00:20:28.050
Yang Liu: The not is a is in the form of a bird.
128
00:20:28.380 --> 00:20:29.520
Yang Liu: standing with.

129
00:20:29.760 --> 00:20:52.830
Yang Liu: With with the wings kind of stretch out and then there's a loop just surrounded the this pole or serve that as a feat of the bird there's a loop connect that to the another loop that attached to the handle so this loop is actually in the form of a snake.

130
00:20:55.080 --> 00:20:58.680
Yang Liu: And the other interesting feature of this vessel is the.
131
00:21:00.060 --> 00:21:05.010
Yang Liu: Composition of this mosque animal mosque, which is a different from.
132
00:21:05.640 --> 00:21:07.260
Yang Liu: What I showed you earlier.
133
00:21:07.620 --> 00:21:09.330
Yang Liu: So here we have.
134
00:21:10.350 --> 00:21:28.620
Yang Liu: This mask you know all the components, including eyes and a jar and and and and mouth and a body extended towards both sides and a form on the on the.

135
00:21:29.310 --> 00:21:42.420
Yang Liu: On the on the top they all connected, but if you look at this example, which is a, which is a quite different because of all the components are kind of integrated.

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00:21:43.680 _-> 00:22:04.830
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Yang Liu: i'm sorry not this in this integrated so it's separated so it's very
interesting there's a new idea, a new aesthetic in terms of how to compose the
animal mask there's this new ideas new design appears.
137
00:22:10.230 --> 00:22:13.950
Yang Liu: Then there's also some interesting motif such as elephant.
138
00:22:16.290 --> 00:22:31.410
Yang Liu: We don't know exactly that surgery in the song dynasty, this is a
property manufactured or cast in you know earlier 12 th century or late late 13th
century.
139
00:22:32.880 --> 00:22:33.930
Yang Liu: or between.
140
00:22:34.200 --> 00:22:38.490
Rochelle Rottenberg: This is our in our collection and this is an Am I.
141
00:22:42.270 --> 00:22:42.570
Sorry.
142
00:22:44.340 --> 00:22:46.020
Yang Liu: Is that question for me.
143
00:22:48.960 --> 00:22:51.390
Yang Liu: So yeah there is a question.
144
00:22:51.930 --> 00:23:02.220
Debbi: I think somebody Mike was on for that, but there is a question about
finding information on how the vessels were used and buried and what kinds of
rituals.
145
00:23:04.410 --> 00:23:08.250
Yang Liu: I have article which I can share with you it's about how we to.
146
00:23:08.550 --> 00:23:20.250
Yang Liu: You know bounce are using in the setting of ancestral temples so on
it's about a ritual activity related bronzes I can share with your after after
lecture.
147
00:23:21.690 --> 00:23:28.170
Yang Liu: So, so this is a elephant motif they have to you know we don't know
exactly during the.

## 148

00:23:29.190 --> 00:23:32.160
Yang Liu: The this 1312 century.
149
00:23:32.160 --> 00:23:34.830
Yang Liu: BC weather in northern China.
150
00:23:35.070 --> 00:23:48.270
Yang Liu: They are white and Athens exist because today all as white elephants are only live in Southwest China I don't know if you read the news recently that's.

151
00:23:49.380 --> 00:24:03.030
Yang Liu: Because in Southwest China as a province called arena and and then there's a government ahead every reserved area several large amount and instead of for the white elephant.

152
00:24:04.290 --> 00:24:28.740
Yang Liu: But somehow there's a herd of 12 elephant had left their their their home and walked towards hundreds of hundreds and hundreds of miles towards the the major cities and and the cost the chaos lonely the real because elephant in Chinese protected animals, you cannot, so the.

153
00:24:29.820 --> 00:24:45.150
Yang Liu: After $I$ think after already after several months or so, they are still wandering and you know constantly damages to the agricultural fields and and even.

154
00:24:46.500 --> 00:24:48.150
Yang Liu: The with the you know.

## 155

00:24:49.710 --> 00:24:57.270
Yang Liu: A truly integrated into villages to to seek for foods and and so so.
156
00:24:59.430 --> 00:25:14.130
Yang Liu: If you are interested, you can take a look at this it's quite interesting I mean they're kind of international Internet sensation now in China people love to watch this this, you know how that.

## 157

00:25:15.330 --> 00:25:29.610
Yang Liu: How this will end when they were returned to their home and anyway, so today elephant white elephant only lived in the southwest China in the you know the area near near Burma.

00:25:30.720 - -> 00:25:50.160
Yang Liu: Thailand, but we don't know whether, in the shank dynasty if there any white elephant but elephants monkeys are really still appear on the Bronze vessels of the song dynasty so $I$ recently studied this and.

## 159

00:25:51.780 --> 00:25:55.350
Yang Liu: and concluded that the the actual DEMO $T$ with with.

## 160

00:25:56.430 --> 00:26:11.190
Yang Liu: inference and from the South, so my study shows that the gina Sunday honesty probably there's there, there were no white elephants in the not in the central plans and.

## 161

00:26:11.730 --> 00:26:27.630
Yang Liu: The that is also supported by a comparison of the elephant design imagery with those appeared in the south of China, so I give you some examples, so this is the.

162
00:26:30.570 --> 00:26:43.020
Yang Liu: elephant motifs that appeared on the different side of this vessel quarter and he found he was the you know, this is also squared a form which, as I said that that probably best.

## 163

00:26:43.560 --> 00:26:52.200
Yang Liu: inference from architecture, this is a very strong evidence for that he kind of influence from architecture, because of this lead.

## 164

00:26:53.670 --> 00:26:56.310
Yang Liu: You would agree it's in the form of a roof.
165
00:26:57.990 --> 00:26:58.380
Yang Liu: Right.

## 166

00:27:01.980 --> 00:27:07.380
Debbi: there's a there's a question about that this object and the elephant it.
167
00:27:08.940 --> 00:27:13.500
Debbi: Can you identify what is this in our collection and what what do we call it.

## 168

00:27:14.250 --> 00:27:38.670
Yang Liu: Oh, this is a collection it's called a phone $E, F$ a $n$ why $I$ so funny nice square he he is actually the name for this type of vessel, so it is kind of an edit with a fun of a $n \mathrm{G}$, which means square so funny means squared he nestle.

## 169

00:27:41.580 --> 00:27:43.410
Yang Liu: Now there's another one that from.
170
00:27:44.550 --> 00:27:50.730
Yang Liu: The similar time, this one is was excavated from the team that I mentioned earlier.

171
00:27:52.830 --> 00:27:59.100
Yang Liu: Lady for how to tune it also has this elephant motif.
172
00:28:02.910 --> 00:28:09.000
Yang Liu: i'm sorry $I$ confused, this is actually not fun for hostile, this was from $I$ think it from a different tune, but the fun.

## 173

00:28:10.050 --> 00:28:11.490
Yang Liu: Exactly the same time.
174
00:28:13.470 --> 00:28:23.790
Yang Liu: Now we have this another imagery of elephant appears on this vessel no se como te $O \mathrm{n}$ G, this is in the collection of Asian art museum.

175
00:28:24.420 --> 00:28:39.390
Yang Liu: San Francisco that with this imagery that we could look at more closely, that you see here, this is actually elephants are, but what this kind of to circular thing.

176
00:28:40.950 --> 00:28:56.610
Yang Liu: it's a it's a it's a kind of curiously there's a to a kind of with other example, so you will see more clear yeah that is actually in the form of kind of Spiro and this, of course, is an imaginary form of elephant.

## 177

00:28:59.160 --> 00:29:02.520
Yang Liu: Here we have another example from this vessel which is in.
178
00:29:03.960 --> 00:29:05.310
Yang Liu: Private Museum in.
179
00:29:06.510 --> 00:29:09.210
Yang Liu: In Japan so.
180
00:29:10.590 --> 00:29:36.600

Yang Liu: This is the name of that museum, and here we have this another vessel come on the on this area of spout that you see this elephant here again this has a pair of kind of Spiro form, and I imagine with home other interesting feature is the is the end of the elephant tasks.

## 181

00:29:37.770 --> 00:29:41.670
Yang Liu: i'm sorry not task elephant trunk the there's this.

## 182

00:29:42.750 _-> 00:29:44.550
Yang Liu: Like I like.

183
00:29:46.200 --> 00:29:50.370
Yang Liu: You know depiction and also with a with an ear.

184
00:29:51.990 --> 00:29:57.180
Yang Liu: So that's quite a strange because he had open trunk and does not have that feature.

185
00:30:00.750 --> 00:30:06.390
Yang Liu: Now we have another example from this vessel also comb but this Cone has a has a.

186
00:30:07.740 _-> 00:30:31.800
Yang Liu: Three four legs, this is in the collection of a fear Gary art in Washington DC here we have this elephant again we have a smaller pair of spirit like motif above his eye, then a horn here we have a an end of the chunk there's also I like depiction here.

187
00:30:33.630 --> 00:30:37.740
Yang Liu: Now they have a there's also a different type of depiction of Allah Allah.

188
00:30:39.150 --> 00:30:40.230
Yang Liu: If we can.
189
00:30:41.340 --> 00:30:49.980
Yang Liu: call the previous examples as a standing elephant, then this one could be described as a as a procession.

190
00:30:51.570 _-> 00:30:54.960
Yang Liu: elephant in procession it's kind of a walking elephant.
191
00:30:56.220 --> 00:31:00.480
Yang Liu: Which is a design in the quite a different way.

192
00:31:02.280 --> 00:31:12.180
Yang Liu: there's another This is another example, this is from a collection of Palace Museum in Beijing, which is also different from.

193
00:31:13.260 --> 00:31:14.430
Yang Liu: The earlier type.
194
00:31:16.440 --> 00:31:37.350
Yang Liu: This is a another example from the South, this is via a bell, which is also other standing pose but it's there's no detail of eyes and so on, on the on the on the head and and the end of the trunk.

195
00:31:38.490 --> 00:31:46.140
Yang Liu: Now here we have this a vessel in form of elephants, this one is in.
196
00:31:47.550 --> 00:31:57.390
Yang Liu: In the collection of a free a secular in Washington DC, so I think this one is damaged towards the end of of the chunk.

197
00:31:58.800 --> 00:31:59.490
Yang Liu: So.
198
00:32:00.630 --> 00:32:11.160
Yang Liu: Because if we compare with the other one that i'm going to show you in a second, that is completed, that has the different feature, but the other thing that it remained quite a.

## 199

00:32:12.420 --> 00:32:26.190
Yang Liu: quite well preserved quite well is this a pair of Spiro like motif you know, this is a farm South the previous examples were all from North from central plains from.

200
00:32:27.570 --> 00:32:34.590
Yang Liu: Increasing our one also from the north, so my discussion is trying to.
201
00:32:35.640 --> 00:32:44.520
Yang Liu: solve the problem that the elephant the motif appears in the Bronze vessels from the northern China.

202
00:32:45.660 --> 00:33:09.870
Yang Liu: Whether it's influenced by the sodden customers by you saw the imagery or it's not which also will identify the factor that weather in the song dynasty
via wide elephant exist in the north or not so So here we have this a very similar a pair of Spiro.

203
00:33:11.340 --> 00:33:26.310
Yang Liu: Now we have here comes here comes a very complete a verse or two ago the Lead is missing, this is this is excavated from a tune in the southern China in the middle Yangtze River region.

204
00:33:27.360 --> 00:33:31.080
Yang Liu: In the province quarter hunan which you.
205
00:33:31.830 --> 00:33:38.820
Yang Liu: Man and a corner So here we have again this a pair of.
206
00:33:39.000 --> 00:33:40.110
Yang Liu: Spiro like.
207
00:33:40.410 --> 00:33:45.990
Yang Liu: motif now, it looks very clear with this picture that essentially a pair of a snake.

208
00:33:47.400 --> 00:34:03.270
Yang Liu: right, of course, this is a user as a decoration so here at the end of this elephant trunk we have actually two motifs here one is kind of crouching tiger, here we have the tail.

209
00:34:04.080 --> 00:34:26.550
Yang Liu: The leg, and this the head is is towards the the opposite direction of the trunk elephant and and other $N$ and $N$, here we have a birth actually a bird a big an eye and wing so it's decorated with two.

210
00:34:27.900 --> 00:34:28.890
Yang Liu: motives.
211
00:34:30.180 --> 00:34:32.010
Yang Liu: A tiger and alert.
212
00:34:33.540 --> 00:34:42.600
Yang Liu: So there's another example, this is from collection of a teammate in Paris this one.

213
00:34:43.620 --> 00:34:45.720
Yang Liu: Again there's a you know this.

214
00:34:46.860 --> 00:34:49.170
Yang Liu: pumping protruding.
215
00:34:50.580 --> 00:34:51.510
Yang Liu: To put shoot.
216
00:34:52.890 --> 00:35:04.680
Yang Liu: That actually decorated with kind of Spiro motif which is not so clear, but I have looked at it more closely, that has that and but, according to the museum.

217
00:35:05.850 --> 00:35:16.260
Yang Liu: curators that the there this trunk is actually kind of broken, and they have a cut the damaged part so make it.

## 218

00:35:18.210 --> 00:35:39.000
Yang Liu: You know not rough but the original elephant trunk is much longer and we don't know, maybe there are the similar design, as we see in this example, but we don't know so all these three including this one, this one, this one, the all from South from southern China.

219
00:35:40.050 --> 00:35:43.080
Yang Liu: So here we have a mall close.
220
00:35:44.940 --> 00:35:45.960
Yang Liu: detail of this.
221
00:35:47.250 --> 00:35:52.920
Yang Liu: Three dimensional elephant shipped a vessel from hunan southern China.

## 222

00:35:54.120 --> 00:35:55.110
Yang Liu: Then we have.

## 223

00:35:56.700 --> 00:36:10.380
Yang Liu: Two examples of relief on the wine vessel calm come that those were manufactured in the north, so if through this comparison, it is clear that the.

## 224

00:36:10.920 --> 00:36:26.220
Yang Liu: elephant imagery as it depicted in on the Bronze vessels cast in North definitely had influence from the South, because here we have this I and kind of.

225
00:36:27.210 --> 00:36:52.050

Yang Liu: You know ear, which is definitely was influenced by these kind of imagery However, the casters in the north, probably didn't understand clearly or perfectly what depicted on the end of the trunk so the kind of just add a kind of rough you know.

## 226

00:36:53.910 --> 00:36:58.710
Yang Liu: things on the towards the end of this elephant trunk.
227
00:37:00.660 --> 00:37:10.530
Yang Liu: And also, here we have disappear of have a snake decoration which, in the northern elephant imagery became to.

228
00:37:11.670 --> 00:37:16.230
Yang Liu: kind of spiral like an object to design, rather than snake.

## 229

00:37:19.770 --> 00:37:44.580
Yang Liu: Now there's other evidence that are supported my assumption that the sodden imagery actually impacted and a good influence to the northern customers, which is the technic aspect here we have this, this is a vessel in our collection with the elephant the motif if you look at the imperial.

230
00:37:45.900 --> 00:37:51.210
Yang Liu: That you find it there's a there's a son psychodrama motif.
231
00:37:52.890 --> 00:38:15.930
Yang Liu: Please ignore this this whole here this whole was not actual feature, I mean the original feature that was because this not was broken and off the body, so I think the earlier conservative somehow put him together through a school, so this is the the this whole is caused by scroll.

232
00:38:17.100 --> 00:38:22.650
Yang Liu: By the later conservators they would not original feature So what is this.

233
$00: 38: 23.880$--> 00:38:33.360
Yang Liu: Why, there is a design the design, this is the carrier motif in place that people don't see it is functional because.

234
00:38:35.040 --> 00:38:51.630
Yang Liu: One of you have reached your question about whether a brand's vessel was Costa once or are they are be might there might evolve several casting process, so this is a good example here the knob was cast.

235
00:38:52.710 --> 00:38:53.370
Yang Liu: First.

## 236

00:38:54.930 --> 00:38:57.660
Yang Liu: Then the put the knob.
237
00:38:59.250 --> 00:39:21.060
Yang Liu: In the during the second and cost the problem you know already completed not connect put it in the modes that are with the whole body oh i'm sorry not sorry with the lit and the design, this psychotic here to reinforce this not with the bottom.

238
00:39:23.280 --> 00:39:27.600
Yang Liu: So it's a functional this this psychodrama to their server.

## 239

00:39:29.550 --> 00:39:36.450
Yang Liu: So this is a this kind of using you know, a motif or sometime just.
240
00:39:38.070 --> 00:39:39.480
Yang Liu: You know, a bumping.
241
00:39:41.400 --> 00:39:41.760
Yang Liu: kind of.
242
00:39:43.410 --> 00:39:45.840
Yang Liu: I don't know the word, you know just a.
243
00:39:46.680 --> 00:40:06.600
Yang Liu: novice like a so tweet to in the corresponding area, we think the vessel that it means to reinforce the attached component, which is a functional, so this is the technique originated in the south.

244
00:40:08.550 --> 00:40:23.100
Yang Liu: So the sodden casters not only inspire that the northern customers with the motif a design of elephant in this example, they also you know.

245
00:40:24.360 --> 00:40:28.860
Yang Liu: inspire them to adapt to the sound and technique.
246
00:40:30.690 --> 00:40:35.610
Yang Liu: Of reinforce the components during the second cast with.
247
00:40:37.110 --> 00:40:38.490
Yang Liu: With the Cross bonding.

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248
00:40:40.620 _-> 00:40:50.940
Yang Liu: Know teams, or some something else to you know within their their me
in the interior values body of the vessel.
249
00:40:52.680 --> 00:40:55.620
Yang Liu: now come to you I don't know.
250
00:40:56.850 --> 00:40:58.530
Yang Liu: What time is it now.
251
00:41:01.080 _-> 00:41:03.840
Yang Liu: What time is you always finish debbie.
252
00:41:05.670 --> 00:41:09.810
Debbi: I can stay on longer, and if people want to do you have very much
Laughter
253
00:41:11.460 --> 00:41:12.600
Yang Liu: Laughter laughter oh.
254
00:41:13.710 --> 00:41:21.330
Yang Liu: You want me to give another talk, I will be happy happy to maybe
sometime I don't think we can finish it in.
255
00:41:23.130 _-> 00:41:25.290
Yang Liu: Let me see, let me just to see how.
256
00:41:25.650 --> 00:41:26.100
Kay Miller: Good I am.
257
00:41:27.030 --> 00:41:42.120
Kay Miller: I want to insert yon first of all, you are now the expert on bronzes
and elephants and north, south influence there were three questions that I had
and, and these are all how things influenced.
258
00:41:44.130 --> 00:41:56.340
Kay Miller: What you discovered, I know that you had those two experts who came
in to work with you on line drawings of our particular bronzes and i'm wondering
how that influenced what you learned.
259
00:41:56.760 _-> 00:42:07.110
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Kay Miller: You had also mentioned to me once upon a time, finding remnants of wine and maybe even a grain that would have been used in rituals and i'm wondering.

## 260

00:42:07.590 --> 00:42:10.920
Kay Miller: What else you found about that, and then I was also interested.

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261
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00:42:11.400 --> 00:42:26.700
Kay Miller: In the end, the contemporaneous writings that you melded as you're doing your scholarship around these bronzes Those are three really big questions, but as you're thinking about what you want to tell us, I would be very interested in that.

## 262

00:42:28.080 --> 00:42:29.400
Yang Liu: You mean this lecture.
263
00:42:30.720 --> 00:42:33.450
Kay Miller: Well i'm guessing, we need a second one.

## 264

00:42:33.480 --> 00:42:34.110
Really yeah.

## 265

00:42:35.400 --> 00:42:35.970
Kay Miller: let's.
266
00:42:36.330 --> 00:42:38.130
Debbi: let's plan for.

## 267

00:42:39.270 --> 00:42:46.020
Debbi: A second lecture now okay that's a that's a really big question and yon could be thinking about that, but are there any other.

## 268

00:42:47.010 --> 00:42:49.020
Kay Miller: Questions $I$ am really.

## 269

00:42:49.020 --> 00:43:07.020
Kay Miller: curious about those remnants because it is so personal you know it's such a deep connection and, most of us would not think about there being identifiable organic matter that this many centuries later, one might find.

270
00:43:08.760 --> 00:43:09.720
Yang Liu: So I kind of quickly.
271

00:43:12.480 --> 00:43:16.230
Yang Liu: wanted to your questions now because you know the.
272
00:43:17.280 --> 00:43:19.620
Yang Liu: We had this to specialist on.
273
00:43:20.970 --> 00:43:29.730
Yang Liu: inca Robin and the line drawings, so the purpose of inviting them to carry out this task is to.

## 274

00:43:31.080 --> 00:43:45.840
Yang Liu: include those you know those robbins and line joins to in to the catalog of working on this is a making grabbing and aligned join you this is the part of traditional Chinese scholarship because.

## 275

00:43:46.860 --> 00:43:55.950
Yang Liu: For the ink Robin is to show, because you know all these boxes are so sometimes corrosion and i'm not that.

276
00:43:57.150 --> 00:44:04.650
Yang Liu: Clear to see the motif like this one is quite good preserved, and you can see the motifs quite well but for some.

277
00:44:05.130 --> 00:44:33.630
Yang Liu: really hard so so the encouraging is really is a method to help you to see much clear a clear the the design the you know the motifs the decorations so, particularly for some smaller words that are even help more then for the line join the line joining artists, they not only you know.

278
00:44:35.220 --> 00:44:37.380
Yang Liu: kind of lively.
279
00:44:39.360 --> 00:44:53.700
Yang Liu: truthfully to depict the idea, the experience at Mr not expensive the appearance of vessel, but also with the show the structure of the vessel, for instance, if he painted this vessel, he would.

280
00:44:55.620 --> 00:45:12.510
Yang Liu: kind of divided into two parts, on the right, for instance, will show the exterior appearance of this vessel, including the motifs and that can to there on the left hand side of the vessel, of course, the contour is there, but.

00:45:13.320 --> 00:45:36.870
Yang Liu: It shows you like X rayed picture, so it actually shows you the the structure of the picture which you don't see you know, like a how sick is the
war and how that imperial shows they had a you don't see from this picture, and you know, for instance, the lit how this little work.

282
00:45:37.980 --> 00:45:45.960
Yang Liu: what's hiding behind this in it that can show so that helps to understand the structure of the vessel.

283
00:45:47.700 --> 00:45:57.060
Yang Liu: So there are other questions, you mentioned that I think I probably mentioned to you that there's a specific event so, for instance, we see i'm.

284
00:45:58.170 --> 00:46:01.710
Yang Liu: kind of crystallized the remainder of.
285
00:46:03.390 --> 00:46:21.180
Yang Liu: vest of wine in the interior it's kind of evenly placed still remain there from that is a very good example of you know, the their vessel was used to contain wine and.

286
00:46:22.110 --> 00:46:32.550
Yang Liu: And, of course, this is affected as well, no affected that you know there's certain type of types of vessels, where we're used to serve.

287
00:46:34.350 --> 00:46:36.210
Yang Liu: containing wine during the.
288
00:46:37.200 --> 00:46:38.910
Yang Liu: ceremony and sexual.
289
00:46:41.250 --> 00:46:46.440
Yang Liu: ceremony in a worshiper ceremony served in the in the temples but.
290
00:46:48.420 --> 00:47:06.570
Yang Liu: Unfortunately, I mean, fortunately, we have an example of that via also vessels with the quite clear marks of you know remaining of grand that used so that that will use as a foot vessel, you know, this is a.

291
00:47:08.460 --> 00:47:09.450
Yang Liu: This is not.
292
00:47:10.680 --> 00:47:17.010
Yang Liu: You know not surprising discoveries, because this is all quite a well known fact, but just a.

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293
00:47:18.330 _-> 00:47:33.150
Yang Liu: We were so lucky to have an example to show you know quite clear this
kind of so for the future, probably will take a picture of that to show, along
with the with the vessels in the gallery so.
294
00:47:34.290 --> 00:47:34.620
Yang Liu: The.
295
00:47:36.210 --> 00:47:44.580
Yang Liu: From archaeological discoveries, we sometimes also see that vessel
steel container with animal.
296
00:47:44.850 --> 00:47:46.020
Yang Liu: You know burns.
297
00:47:46.350 --> 00:47:58.170
Yang Liu: And, for instance, a quarter of a team squared thing with a burns that
animal bones like ox other animal types, that means that this is.
298
00:47:59.310 --> 00:48:02.490
Yang Liu: Really, a solid evidence to.
299
00:48:03.600 _-> 00:48:11.760
Yang Liu: You know, prove that those were used as a as a cooking vessel during
the the ritual ceremony.
300
00:48:14.130 --> 00:48:28.200
Debbi: So thank you young, I will check with you to find a date to continue so
we'll do a part two, I think that helps everybody people may have to move on
okay Thank you so much.
301
00:48:28.620 --> 00:48:29.010
For.
302
00:48:30.270 --> 00:48:35.910
Debbi: The beginning of your talk and we'll yeah we'll let everyone know when we
will do, part two.
303
00:48:36.360 --> 00:48:37.740
Debbi: Okay okay.
304
00:48:39.120 --> 00:48:39.750
Thank you.
```

305
00:48:42.060 --> 00:48:42.780
J. Lynn's iPad: Thank you.

