## Solidity

Summit 2020 April 20-30 - Join at interrupce, solidity-sumit, etheres, org

TINE		TIRE	SPEAKER / HODERATOR	FORMAT	COLLABORATIVE NOTES	OTHER TIME 20MES			
CENT	GRT/UET					197	107	TH / GAT	217
13:00	11:00	Opening & Welcome	Franziska Meintel			6000	7100	29:00	20:00
13:10	11:18	Solidity 2020 Readway	Chris Beitwiessner	Lightning Talk		6:10	7:10	19:18	28:18
11:10	11:38	Introduction to the K Pranework and Kholidity	Rikard Njurt and Shang-Bei Lin	Lightning Talk		6.18	7130	19:38	28:38
13:30	11:14	tears about the K's background, and the bolidity constitute in the K finewarks. Solc-serify, a source-level formal verification tool for Bolidity smart contracts	Abos Najda	Talk		6:30	7110	29:58	20:50
		Multi-merip is a same-heard near surface task in the biling same catternst, see leads in the final state of the same structure of t							
14:20	12:28	Creation impaints pair of an assore foreign these fasts and task stating the origination is not associated ass	theol tagir	Talk		5.28	8:20	28:28	21:20
14:10	12:18	dType: distributed typing & tens: functional programming lensing in Ethereum 2.x and 2.0	Laredana Cirstea	Talk		1:10	8:30	20:50	21:50
		dType is a decentralized a distributed type system for interosperable protocols. Challenet: Loss Espherectricitos for Thermon Sci a brunear and Ese-granised exarch for caurt contracts with a distributed darabase cache of types, functions, MES, cade cources, and other mestabria information. Annihale as a mesia EED plugin, interosperable with their plugins.							
15:20	13:34	Toughts as Language budge and Progenetation tolisity is a relatively young language in a mapsily evolving space. The challenges it faces changed over them, greatly infracting the language design. In this order talk we examine the current language design processes in place and compare it against other models (i.e. language design commitment).	the preparat	Lightning Talk		6:20	9:20	21:20	22:28
11:48	33148	Linear Marchi     Kanada Martina, a managina ang ang ang ang ang ang ang ang ang a	Chris Boltdessor	Open Discussion	httas:/hackmd/is/doi/doi/toor/ToOd	6048	9048	21:48	22:48
16:10	14118	SNOT BEES (have out in the labor if you like)				7110	10:10	22:10	23:38
16:25	14:25	Likewise 3.0 Likewise 3.0 Likewise and the like way is highly to make one of the delegatestil opeads, but they are not transmission of the likewise and the likewise and the likewise and the likewise and any and the likewise and the likewise and the likewise and the likewise likewise and the likewise and the likewise and the likewise and the likewise explore and any and the likewise and the likewise and the likewise and the likewise and the dist of the likewise and the likewise and the likewise and the likewise and the dist of the likewise and the likewise and the likewise and the likewise and the dist of the likewise and the likewise and the likewise and the likewise and and the likewise and the likewise and the likewise and the likewise to the likewise the likewise and the likewise and the likewise to the likewise and the likewise and the likewise and the likewise to an and the likewise and the likewise and the likewise to the likewise and the likewise and the likewise and the likewise to the likewise and the likewise and the likewise and the likewise to an and the likewise	Chric Boitaiscanr	Open Discussion	httas:/hackedia/phasaihei/klash	7:25	18:25	22:25	21:25
17:10	15:18	Enclosed in a two of the set of t	Kick Dodeon	Talk		8:10	11:10	21:10	0:10
37148	33168	(a) and (b) a set of the set of the stars in the same links according introduced in military for a barger of the stars in the same links according introduced in military for a barger of the same links are associated as a set of the same links are aset of the same links are assoc	Alex Beregulati	Open Discussion	Inter the log for the United	8548	11:68	23:68	8148
		addressor		. Colorador and					
		The segment put was an analysis of the solution and convert state of the SOLI compiler project, which holds compiler frame events for not and solidity, and backeness for hears and rMM. This talk includes a report or the technical properties and so for an a will be forture runnings and colloperations. It lies discussed the web-level TMM developed for solidity that allows fast days development and adplopment and therease compilation backcashic.		Legenned Talk		*8			
18:10	16:38	upper addition of the second secon	Chris Boltuinscner	Open Discussion	http://hecked.io/phase/hel/hel/hel/h	9:18	12:30	0:10	1:10
19:30	17:38	SNORT RELEAS (Rang out in the labby if you like)	Chain Baitaineann	Date Discussion	Mar that and in Minney Post of the Pilot	10:10	11:10	1110	2:10
	17.48	Transport sport Transport sport that allow a tark and trightformand way to work with son-integer values. They have been popped as any partly implemented for balledity for a long time. The latest part is that direction as talked due to concern from the constrint, we would be to take the balledity handly as a spherinsity to get more feedback from the badded community. See you do not find part typest built only range any somet thand on an so contain of the sharty find parts typest.		upper unitatilial		ar.10		1.4	2.08
28:28	18:28	Tracking mapping way with the Touffie beingger the militity language does not keeps that if yoy zoe set is a given mapping, nearwork, the Touffie beingger can, dee deduging a transaction, keep track of bat keps have been accound daring that transaction, and it can do this even if the mapping are meaned lands arrays, structing, or other mappings. It this talk, we will dissect truffie beingger's mapping key tracking system and lands that weak.	Karry Attian	Tatk		11:24	54:28	2128	3:20
28:38	18:58	Tooffs entropy has and entropy to account to the stry target, the six 4 design duration to use on disk has at the building complex and the duration of the six 4 design duration of the six 4 design duration of the there, the target spaces and the opticizer target same space complex and it is not it a design above to be represented in the six of an intervent same strate space. The tradition of the six 4 design duration of the six 4 design duration of the six 4 design above the six 4 design duration of the six 4 design duration of the six 4 design above the six 4 design duration of the six 4 design duration of the six 4 design duration of the six 4 design above the six 4 design duration of the six 4 design	Nick D'Andrea and Chris Bolinissoor	Open Discussion	httan chacked in bitma beidd or	11:10	54:58	2:18	3:18
21:35	10:35	End of Day 2 - Good night Europe:				\$3100	26288	6188	5000

DAY 1 Wednesday, 29th of April

Let's city is teach Tweet: maildity\_ling Tweet: maildity\_ling Tweet: maildity\_charge tak: gitter.is/ethreeus/colidity

## Solidity Summit 2020

DAV 1 Medsenday, 29th of April

+ Join a	+ Join at intergace.telidity-mumit.etherum.arg										
TINE		TTRE	SPEAKER / REDERATOR	FORMAT	COLLABORATIVE NOTES	OTHER TIME	ZONES				
6837	GMT/UCT					POT	807	T# / CST	197		
13:30 13:35	15:38	Welcome to Bay 2 Creativity and holidity Development	Franziska Heintel Ann Kilzer	Lightning Talk		4108	7:30	10130	28138		
		Can the callenges of billing development - gas limitations, transpe scarrity, and descentralised comparison - cruster candings for ransition maps development are the parts of building that afters contrand development actually starting patients for crustice timizing that digitating this is to develop a few ower paylicitations of building's from and hypering and HETCH are generation, its same of an personal projects, including a fraint-danced crystacementy, a thermal particular building and the provide the start of the provide building to the provide building the start of the start of									
11:16	11:38	Quicks Multingy-Multines by proceed with the framework ML L. B. A. Principal. 2011. 2011. Since a start of the sample granum of the sa	Rong-Ying Tai	Talk		4118	7:38	28:38	28:38		
		optimization mechanism to avalyze mass nutrime execution and adjust the optimization strategies. Back to optimization phase to gain more improvement.		a defendance and he							
		The real-snalpper is a multity static analysis tool.	Antipi	capitolary tank			8.25				
		ne this the sure 'l area may and the shall compiler. • my thing (red), 'l and									
25:05	13:05	Detecting an universitiities caused by gat lists with forsing During our solities its quantum, we stire in a functions withen is not prove to hit as of gat errors because may cautif long over a user definability which are prove to be functions for men out of gat and the time. It is not a contain goard and we a certain solities of gat errors and and gat and the time is the contain gate and we are entropy of the solities of the solities of the solities of a certain this presentation describes an approximatin a insure this question by using a source contract forable gate and the solities of another period.	Sobactian Rannecu	talk		6.25	9:45	21:85	22:45		
25:35	13:35	Visualization of large code hases with the falidity visualizer extension for VECode	Gonçale 16 and Martin Orteor	Lightning Talk		6:33	9:35	25:35	22:35		
23:35	12:35	SMORT ERLAK (hang out is the labby if you like)	Alex Reconstruction	man minorestion	https://backmaf.lo./of/constant/01/	6:55	9:55	20195	22:55		
		.cond and .transfer are possible as the tafe ways to transfer other. This provide has been dualinged over the pairs and means changes introduced in the transmit hard four have possible questions again. It is the to review and potentially change have .end .transfer behave.									
54:10	14:10	Intraduction to UP & parameter applications to building the language every partical is a limitative by processfr in consisting a communication protocal stokess THMS and completes. It does not only allow limitation every reporting, but also come completion. 'jump to definition' and other features, while come completion signifies the strates far off takes it has it copy with analysis or invalid source come, 'jump to effective' and constant of a strate of the strate of a strate of developers allow.	Christian Parjart	Open Discussion	biter üherkend kolpfranzheilitt.	7:10	10:10	22134	23:34		
27:00	15:00	In-tangage testing vertex (win lightaing this from resis-tests) How languages have built in compart for whit testing. They popular frameworks precide their sum whit testing deletions for highly — and returning comparison the frameworks is not yet called, lasking tests in with one of them. Lets discuss together what language support for with testing could loss time.	Ales Beregrassi and Asiket	Open Discussion	https://hackend.iori@franzibei.Hof	x:00	11:00	23:08	0:00		
27:10	15:38	Retation Section with Working and the tool Working, including a discussion where sale, Truffie and Working could work together.	Jaran Monig			8:10	11:30	23:38	0:30		
28:00	18:00	Acting formal Introduction to ACT, followed by an open discussion around formal verification and language (natures to support more formal cascifications incide salidity.	Martin Lundfall and Leo Alt	Open Discussion	https://hackmd.io/@franzibei/5.8	9:00	12:00	0:00	1:00		
29088	17:00	Denotes an anytotic super- tions specially supersolves the process of the second seco	dies Brogensei and Les dit	Open Discussion	haars the old of the state in stat	50:00	11:00	1:00	2:88		
		<ul> <li>immitable by default only for reference types or also value typest         - cypica         - cypica         - immitability for contracts only allows view functions to be called these it apply to the         address or the contract liquify         - cupped data materialscale address         - cupped data materialscalescale.         - cupped data materialscalescalescale         - cupped data         - cale address         - cale calescale         - cale address         - cale calescale         - cale address         - cale address</li></ul>									
29145	17:45	there a better systam for that? SHORT BREAK (hang out in the lobby if you like)				20145	11:45	1145	2145		
20:05	18:05	Modifier znost Modifier znost zer a proposal to apply use or mare modifiers to a syntactical range of functions. The loss use to make it motify visible that a culterion of functions can $s_{-} c_{-}$ only the called by the source of L producted by a motic, we zer so up at mitting happy with the syntax	Chris Meitalessner	Open Discussion	httas liheckond i si ĝiftas zihek lika	11:45	14:05	2:85	130		
20:35	18:35	Workfy all the excesses B this fails way that lases show to excess worlfeither. These topics will be covered: - Wy Li to excess? - Wy Li to excess? - Mac call it is decontralizer? - Nac call it is decontralizer?	Ligi	Lightning Talk		11:15	14.18	2:35	118		
20:35	18:15	INTER - DIALLELE THE BLICLEY comparing appendent the basis of a just circuitive cilled the articles in the deployed intervention of the second second second second second second second basis of the second seco	Rick theorybita	Open Discussion	<u>bran c'hadend iordfreesheitik</u>	11:55	14:35	2:35	2:35		
21:25	18:25	Practical Solidity Function type has been part of holdity for a long time may, but us do not use the widely used. What are the reasons for that and which changes to the language would be desired in this arear model lands functions with our influent capturing be useful to developers that about ""parter" functions outline the scape of a contrast. Corrying	Chris Beltainscear	Open Discussion	base inhackend icrigitian physiolog	12:25	15:25	3:25	4:25		
21:55	10:55	Community-world placeholder discussion or open QAA with the buildity team		Open Discussion		12:55	15:35	3:55	4:55		
22:10	20130	Wrap up Sulidity Summit 2020				11:10	14138	6138	5:38		

27:8 21:11 Noy of hiddly hands Let's Gog is took! The initial solidity\_ling Read: slidity\_therean.org Chat: gitter.in/sterean/slidity