



GLOBAL &
SECURITY
INSTITUTE
TAMPA SUMMIT

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GNSI TAMPA SUMMIT

Featuring the 9th Great Power Competition Conference

ARTIFICIAL INTELLIGENCE IN THE ERA OF STRATEGIC COMPETITION

SUMMIT REPORT





The 4-Star Review

U.S. CENTRAL INTELLIGENCE COMMUNITY COLLEGE (USCENTCOM) 2019-2022

GNSI Tampa Summit 3: Artificial Intelligence in the Era of Strategic Competition served as a natural extension of our previous summit, which focused on uncrewed and autonomous warfare. At GNSI Tampa Summit 2, we learned that the gathering, processing, and manipulation of vast amounts of information in a very short time frame to evaluate that information in the context of its environment and other sensory data.

We heard many experts tell us the current AI landscape is currently superheated, and there is a risk of AI being used in ways that are currently beyond our understanding its current limitations.

To paraphrase something former Secretary of Homeland Security Kirstjen Nielsen said during GNSI Tampa Summit 3: We see something that uses AI for such quantitative decisions. But that's not necessarily true.

That distinction is important. As a leader, I want AI to reduce the amount you have to solve qualitatively, or to reduce the amount of human input required to solve a problem. I would not seek to reduce the amount you have to solve qualitatively, or to reduce the amount of human input required to solve a problem.

Uncrewed and (sometimes) autonomous, systems in those systems. But, in this latest Summit, we found opposing forces that are aggressively

areas and its potential in other areas remains almost limitless, especially in domains: air, sea, land, space and

without limits. We know and understand far more

Y g h g e v u q h e { d g t q r g t c v k q p u e c p d g u g g p k p W m t c k p g c p f I c | c v q _ 0 h Y g v j h g g g 0 Y o g t g g v y k n g v t y y ~ g k p i " v v "

Summit Report

Uw o o kv0"Vjg" J qpqctdng" [Kathleen Hicks](#). "Fgrwv{"Ugetgvct{" qh" Fghgpug" urqmg" vq" vjg" igqrqknkvecn" ncpfuecrg. "jki jnki jvkpi" vjg" eq o rgvkvkqp" ykvj" vjg" Rgqrng0u" Tgrwdnke" qh" Ejkpc" *RTE+ " cu" c" ftkxkpi" hqteg" dgjkpf" CK" cpf" vgejpqni {" cfxcepeg o gpv0" Ujg" pqvfgf. "0v" jg" cfxcpvcig" yknn" cny c {u" iq" vq" vjg" eqwvvt {" vjcv" wugu" CK" cpf" cuuqekcvgf" vgejpqni kgu" dgwgt. "hcuvtg. "u o ctvgt. " cpf" uchgt.0" rkpvpki" qwv" vjg" etkvecn" tqng" qh" CK" kp" o ckpvckpki" pcvkqpcn" ugewtkv {" cpf" inqdcn" ngcfgtujkr0" " Jkemu" hwtvjgt" underscored the strategic imperative of AI in maintaining c" eq o rgvkvkxg" gfig. " rctvkewnctn {" cickpuv" vjg" RTE0" [She explained](#). "0qwt" vcum" kp" FQF" ku" vq" cfqrv" vjg" kppqxcvkqpu" yjgtgxtg" vjg {" cff" vjg" o quv" o knkvct {" xcnwg.0" jki jnki jvkpi" vjg" etkvecn" tqng" qh" CK" kp" uvtgpi vjgpkpi" vjg" W0U0" o knkvct {"0u" fgekukqp/ o cmkpi" rtqeguugu" cpf" qrgtcvkqpcn" ghgvekvxgpguu0" [I gpgtcn" Dt {cp" Hgvpq](#) "kp" jku" tqng" cu" UQEEO" Eq o o cpfgt" jcu" 0y cvejgf" vjg" RTE" wug" CK" vq" cwi o gpv" e {dgt/cwccemu. " support economic espionage and assist in the development of what they call system destruction warfare where their goal is to destroy weak points and ours and partner in ally systems across domains with targets such as network connections cpf" ucvgnkvgu" cpf" nqi kuvkecn" uwr rn {" u {uvg o u00

Fkuewuukqpu" eqpvkpwgf" vjg" ko rgtcvkxg" qh" cejkxkpi" c" competitive edge in the context of international rivalry with rqygtu" nkmg" vjg" RTE0" [John Shanahan](#) dnwvvn {" uvcvfgf. "0y g" ctg" kp" c" eq o rgvkvkqp" ykvj" Ejkpc" qp" CK" kh" pqv" c" eqphtqpvckvqp" cv" vk o gu00" Hqt o gt" Ugewtkv {" qh" J q o gncpf" Ugewtkv {" [Kirstjen Nielsen](#) "cnuq" dtqwi jv" wr" eqpegtpu" cdqvw" Ejkpc0u" ci i tguukxg" data acquisition strategies and their potential use of stolen kpvgnngevwn" rtqrgtv {" vq" cfxcepeg" vjgkt" CK" ecrdcknkvgu0" Ujg" tg l gevfg" qp" vjg" xcuv" c o qwpv" qh" fvcv" Ejkpc" jcu" uvqngp" htq o " vjg" Wpkvgf" Uvcvgu. " jkpvpki" cv" vjg" uk i pkLecpv" k o rnkcevkqpu" vjku" jcu" hqt" CK/gp j cpegf" ecrdcknkvgu" cpf" uvctvike" eq o rgvkvkqp. " uvcvki. "0Fktgevqt" Ytc {" Jqh" vjg" HDK_ " tgegpvn {" uckf" vjcv" jg" dgnkgxgu" vjcv" vjg" c o qwpv" qh" fvcv" vjcv" jcu" dggp" uvqngp" htq o " vjg" Wpkvgf" Uvcvgu. "htq o" gxgt {" eqwvvt {" kp" vjg" yqtnf" eq o dkpgf. "ku" uvknn" nguu" vjcp" vjg" c o qwpv" qh" fvcv" vjcv" Ejkpc" jcu" uvqngp" htq o " vjg" Wpkvgf" Uvcvgu00

Jqy xgt. "vjg" pcttcvkxg" vjcv" vjg" W0U0" cpf" Ejkpc" ctg" nqemgf" in an AI arms race or competition over data that will fgvgto kpg" vjg" hwwwtg" qh" inqdcn" igqrqknkvecu" cpf" vjg" inqdcn" geqqp o {" " o c {" dg" qxgt/ j { rg" ceeqtfkpi" vq" [Tqdgvtq" I qj l 3ngu](#). " Jg" hwtvjgt" uvcvgu" 0v" jgtg0u" eq o rgmkpi" gxkfgpeg" vjcv" o cp {" cpcn {" uvu" ctg" qxgtguk o cvkpi" Ejkpc0u" ewttgpv" CK" ecrdcknkvgu" cpf" gxgp" kvu" o knkvct {" ecrdcknkvgu0" Y jkng" kv0u" vtwg" vjcv" Ejkpc0u" technologies have improved greatly over the past decade, it's also important to avoid exaggerating the improvements d {" enck o kpi" vjcv" vjg" 0tg" cp" k o o kpgpv" vjgcv" vq" W0U0" pcvkqpcn" ugewtkv {"00" [I qj l 3ngu](#) eqpvkpwgf. " yctpkpi" vjcv" 0 l cygf" cuuguu o gpvu" qp" dqvj" ukfgu" twp" vjg" tkum" qh" o cmkpi" vjg" CK" ct o u" tceg" c" ugnh/ hwnLnnkpi" rtq r jge {"0

Russia's Use of Artificial Intelligence

Qpg" ecppqv" jcxg" c" o gcpkpi hwn" eqpxgtucvkqp" qp" uvctvike" eq o rgvkvkqp" ykvj qwv" kpenwfkpi" Twuukcp" ecrdcknkvgu0" Y jkng" vjg" o ckp" eqpegtp" ycu" pqv" Twuukc" ickpkpi" c" eq o rgvkvkxg" technological edge, instead discussion focused on how the Twuukcp" uvcv" cpf" o knkvct {" ctg" ko rng o gpvkpi" CK0" [General Dt {cp" Hgvpq](#) cempq y ngf igf" vjg" 0Twuukcp" o knkvct {" cpf" vjg" Twuukcp" Hgfgtcvkqp" ctg" cnuq" wukpi" nctig" ncpicwig" o qfgnu" and those tools to conduct reconnaissance of satellite ecrdcknkvgu" vq" uwr rqtv" vjgkt" qrgtcvkqpu" kp" c" e {dgt" cpf" urceg" fq o ckp0" [Oclqt" Lwj c" Mwmqnc](#) "qh" vjg" Hkpkuj" Fghgpug" Hqtegu" cnuq" o gpvkpgf" j q y" 0Twuukc" ku" xgt {" kpvgtgugf" kp" fgxgnrkpi" AI solutions for economic purposes, for controlling its own society, for information warfare and for conventional and pwengct" ycthtg00

Tgi ctfkpi" kphqto cvkqp" ycthtg. [Todd Helmus](#) mentioned 0Twuukc" jcu" c" jwig" cr rctcvwu" hqt" uqy kpi" fkuqphqto cvkqp0" that can target multiple audiences. [Helmus](#) also commented j q y" jkuvqtkecm {" 0Twuukc" jcxg" vctigvgf" rqnkvecn" rctvkucp" cevqtu" kp" vjg" Wpkvgf" Uvcvgu0" cpf" vjcv" 0kv0u" iqkpi" vq" dg" c" dki" Jpcvkqpcn" ugewtkv {" _" kuuwg" kh" vjg" W0U0" hcegu" c" eqp l kev" kp" vjg" hwwwtg0" Vjqug" rctvkucp" fxxkfgu" ctg" iqkpi" vq" dg" vctigvgf" d {" cfxgtuctkgu" vq" wr gpf" vjg" W0U0" rqnkvecn" yknn" hqt" vjcv" eqp l kev00" A fellow panelist, [Jgcvjgt" Cujd](#) thoroughly discussed j q y" Twuukc" wugf" fkuqphqto cvkqp" ec o rckipu" kp" kvu" kpxcukqp" qh" Wmtckpg0" Ujg" cnuq" rkpvgf" qwv" j q y" 0 o quv" qh" vjg" Fggr" Hcmgu" vjcv" vmg" rnceg" ctg" vctigvgf" vq y ctfu" y q o gpv0" Uq" vjcv0u" cpqvjgt" vqqn" y jgp" y g" vj kpm" cdqvw" eqp l kev" f {pc o keu. "ku" y jgp" eqp l kevu" vmg" rnceg. " {qw" jcxg" egtvckp" o knkvctkgu. " o cnkekquw" vctigvkpi" y q o gp" cpf" gpici kpi" kp" ugzwcn" cpf" igpfgt/ dcugf" xkqngpeg000" Jcfkfvkqpcn {" _" vjg" Twuukc" jcxg" wugf" vjku" c i ckpuv" c" Wmtckpkp" OR" rtgxkqwn {" c" eqw rng" qh" { gctu" ci q" qh" etgcvkpi"

states have high technological innovation, potential modern digital infrastructure, and skilled workforce, we have very limited resources concerning [things] like microchips, large data sets, and of course money. Therefore, everything

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Vjgtg" ku" pq" fgp{kpi" ctvkŁecnn" kpvgnki gpegö" rtcevkecn" applications in the national security realm; however, [John Shanahan](#)" c f ftguugf"vjg"ötjgvqtke/tgcnkv {" o ku o cvejö"kp"CK." cempqyngfikpi"vjg" icr" dgvyggp"vjg"gzrgevcvkqpu"ugv" d {" uekgpeg"Łevkqp"cpf"vjg"ewttgpv"ecrcdkkvkgu"qh"CK."rctvkewnctn {" nctig"ncpiwci g" o qfgnu"Uwej" fkuetgrcpekgu"tgŁgev"vjg"vjg o g" qh"CK" dgkpi" qxgttcvgf" qt" qxgt/j {rgf0" [Ocvjgy" Owmnctmg {](#) gxgp"enck o gf"öuc {kpi"CK"ku" c"vgttkdng" o kupq o gt."t." _

decisions, to ensure AI usage aligns with human values. His remarks suggested a nuanced approach to regulating AI, advocating for its use in less critical domains like logistics y j kng"ecwvkqpkp i" c i ckpuv"kvu" wpe j gemgf" c r r nkecvkqp" kp" eq o dc v" ukwvcvkqpu" ðk" v j kpm" v j g" W0U0" rgtur gev kxg" u j qwnf" dg" { qw" pggf" vq" cr rn" { " v j g u g" v q n u" g v j k e c m { . " y j k e j" o g c p u" v j g t g o u" i q v" v q" d g" human judgment involved, particularly if you're going to mknn"uq o gqpgðö

Vjg" r qv g p v k c n" c p f" e w t t g p v" w u g" h q t" c t v k l e k e n" k p v g n n k i g p e g" k u" e q p u k f g t g f" c" p g v" r q u k v k x g" d w v" o c p { " u r g c m g t u" g e j q g f" v j g" f g u k t g" v q" m g g r" j w o c p u" k p" v j g" f g e k u k q p / o c m k p i" n q q r" [John Nkecvq](#) "chL t o g f" ð p v" q p n { " y g" y c p v" v j g" j w o c p" k p" v j g" n q q r" . g x g p" y j g p" y g" m p q y" v j g" C k" e c p" f q" y g n n h q t" d c e m w r" r w t r q u g u" . d w v" k" y p p f g t" j q y" o w e j" q h" v j c v" k u" v j c v" y g" p g g f" u q o g q p g" v q" d n c o g" k h" v j k p i u" i q" y t q p i" ð ö" J c x k p i" c" j w o c p" k p" v j g" n q q r" h q t" c e e q w p v c d k n k v { " o c { " c n u q" ð i k x g" c" h c n u g" u g p u g" v j c v" y g o t g" f q k p i" u q o g v j k p i" v q" c x q k f" . v q" o k v i c v g" t k u m ö" [Fcxkf" Qcmng](#) { e c w v k q p g f" T k u m" k u" k p j g t g p v" y j g p" w v n k | k p i" C k" k p" u e g p c t k q u" y k v j" c" j k i" j" n g x g n" q h" e q o r n g z k v { 0" U v k n" ð r g q r n g" c t g" o w e j" o q t g" e q o h q t v c d n g" y k v j" j c x k p i" v j g" j w o c p" k p" v j g" n q q r" v q" j c p f n g ö" decisions, [Ngung" Dcdkej](#) posited. [She](#) also mentioned there p g g f u" v q" d g" ð d c n c p e g" d g v y g g p" v j g" j c t f y c t g" c p f" v j g" j w o c p u" V j g" p w o d g t" p q g" U Q H" v t w v j" k u" j w o c p u" c t g" o q t g" k o r q t v c p v" v j c p" j c t f y c t g" C p f" k" y k n" c n y c { u" d g n k x g" v j c v" d g e c w u g" v j g" tool is only as good as the people that are trained to use kvö" [Ujctq" Fcpgnu](#) " c i t g g f" y k v j" D c d k e j" . k p u k v k p i" ð g x g p" k h" { q w ö t g" f q k p i" c" h w n n" g p f / v q / g p f" c w v o c v k q p" r t q e g u u" . k h" { q w" c t g" c w i o g p v k p i" j w o c p u" ð e c r c d k n k v k g u" q h" c p c n { | k p i" . c p f" g x g p" y k v j" automation, the human in the loop...if you are using some qh" v j g" p g y g t" v g e j p p n q i" k g u" n k m g" c p" N N O" . v j g t g o u" c p" c d u q n w v g" t g s w k t o g p v" v q" j c x g" j w o c p" k p" v j g" n q q r" c v" v j c v" n g x g n ö

[Lwnkcp" Owgmg/Mcngp](#) " y c t p g f" . ð k h" { q w" v c m g" v j c v" j w o c p" q w v" q h" v j g" f g e k u k q p / o c m k p i" n q q r" . k" v j k p m" y g" c t g" i q k p i" v q" d g" in a world in which the dangers are far greater than we e c p" { g v" c p v k e k r c v g 0 0 d g e c w u g" v j q u g" n c t i g" n c p i w c i g" o q f g n u" j c x g" d g e q o g" u q" k p e t g c u k p i n { " e q o r n g z" v j c v" y g" f q p ö v" g x g p" w p f g t u v c p f" j q y" v j g { " c e v w c m { " o c m g" f g e k u k q p u" p q y ö" However, [Rvgvt" Dqxgv" Gocpwn](#) " u v c v g f" . ð c m q y k p i" C k" v q" d g" r c t v" q h" f g e k u k q p / o c m k p i" e c n e w n w u" k o r n k g u" o c m k p i" v t c f g / q h h u" u w e j" c u" n g u u" j w o c p" e q p v t q n" f g e k u k q p" c f x c p v c i g u" y k n n" r t q d c d n { " j c x g" v q" k p e n w f g" v j g" c e e g r v c p e g" q h" c" p g y" f g e k u k q p" e q p v k p w w o ö" V j g" F g r c t v o g p v" q h" F g h g p u g" k u" e q o o k v g f" v q" m g g r k p i" j w o c p u" k p" v j k p" p g y" f g e k u k q p / o c m k p i" e q p v k p w w o" y j g p" f g x g n q r k p i" and applying AI technologies. Nonetheless, there was t g e i p k v k q p" d { " u r g c m g t u" v j c v" C o g t k e c p" c f x g t u c t k g u" y g t g" p q v" d q w p f" d { " u k o k n c t" g v j k e c n" x c n w g u" [Oclqt" Mwmmqnc](#) stated in his q r k p k q p" ð v j c v" y g" u j q w n f" L i j v" L t g" y k v j" L t g" V j g t g" j c u" d g g p" c" n q v" q h" g v j k e u" . v c n m" c d q w v" g v j k e u" j g t g" c p f" k" v q v c n n { " c i t g g" . d w v" y g" u j q w n f p ö v" v k g" q w t" j c p f u" d g j k p f" q w t" d c e m u" d g e c w u g" v j g { " c t g" p q v" i q k p i" v q" f q" v j c v" ö" [Ipgptcn" Hgvpqp](#) " c n u q" q d u g t x g f" ð P q t v j "

Mqtgc" c p f" k t c p" w u g" C k" v q" c u u k u v" k p" v j g k t" e { d g t / c v v c e m u" c p f" cryptocurrency theft. And none of these applications cares c d q w v" c p" g v j k e c n" c r r t q c e j" q t" c p { v j k p i" t q q v g f" k p" f g o q e t c v k e" x c n w g u" d g e c w u g" v j g { " f q p ö v" j c x g" v q" . c p f" v j g { " f q p ö v" y c p v" v q ö" }

F g x g n q r o g p v" q h" C k" v g e j p p n q i { " t g s w k t g u" c p" k p v g t r n c { " q h" h w p f k p i" . t g u q w t e g u" . c p f" r c t v p g t u j k r u" d g v y g g p" i q x g t p o g p v" . industry, and academic research institutions. [Octm" Cdfqmcjkcp](#) " e n c k o g f" . ð o q u v" q h" v j g" k p p q x c v k q p u" e q o k p i" h t q o" C k" e q o k p i" h t q o" v j g" k Q" j k p h q t o c v k q p" q r g t c v k q p _" u r c e g" c t g" not from three letter agencies. They're not coming from e q t r q t c v k q p u" y k v j" o w n v k / d k n n k p / f q m c t" d w f i g v u" V j g { o t g" coming from individuals, and those individuals have access v q" v g e j p p n q i { 0 ö" k p" j k u" e q p x g t u c v k q p" y k v j" F t" O q j c r c v t c" . [Ylli Bajraktari](#) " g n c d q t c v g f" q p" v j g" v t k c p i n g" q h" k p p q x c v k q p" d g v y g g p" c e c f g o k c" . k p f w u v t { . c p f" i q x g t p o g p v" ð J q y" f q" y g" o c m g" u w t g" that academia is set to win in this [strategic] competition... d g e c w u g" d w k n f k p i" v j g u g" n c t i g" n c p i w c i g" o q f g n u" t g s w k t g u" c" lot of powerful semiconductors that are really expensive. O q u v" q h" v j g" r t k x c v g" u g e v q t" e q o r c p k g u" j c x g" c e e g u u" v q" v j k u 0 0 0 0" And then others that have academia still needs access to v j g u g" t g u q w t e g u" u q" v j g { " e c p" k p x g u v" k p" d c u k e" T F" } t g u g t e j" and development], invest in application, invest in application, invest in the next generation of innovation in campuses, and then private u g e v q t" e c p" u e c n g" v j k u 0 ö" [Fcoqp" Yqqctf](#) also advocated for more investment in AI research infrastructure, like the & 92" o k n n k q p" C k" u w r g t e q o r w v g t" . g p j c p e k p i" v j g" W p k x g t k v { " q h" H n q t k f c ö u" ð t g u g t e j" e c r c d k n k v k g u" v q" k p x g u v i c v g" c f x c p e g f" v q r k e u" k p" c t v k l e k e n" k p v g n n k i g p e g ö" }

E q p v t c u v k p i" y k v j" C d f q m c j k c p ö u" r t g x k q w u" u v c v g o g p v" . [Adriana Avakian](#) " r g t e g k x g u" j q y" ð k p f w u v t { " k u" f g n k x g t k p i" c p f" developing those technologies for defense... what I see today ku" v j c v" v j g { o t g" e t k v k e c n" v g e j p p n q i k g u" v j c v" c t g" f g h g p u g" L t u v" that similar to that spawning of other opportunities in the commercial sector that we will see in the next two to three { g c t u" d g k p i" r c t v" q h" e t k v k e c n" k p h t c u v t w e w t g" . e t k v k e c n" k p f w u v t { ö" H w p f c o g p v c n n { . " v j g" f g h g p u g" u g e v q t" k u" r t q x k f k p i" c p" k o r g v w u" and funding to drive AI innovation.

[Tqdgvtq" Iqp" ang](#) " t c k u g f" e q p e g t p u" c d q w v" v j g" ð o k n k v c t { ö u" demand for AI products serving to justify and accelerate W0U0" f g h g p u g" u r g p f k p i" 0" k p" v j g" v g e j" u g e v q t" y j g p" C o c | q p" k u" c y c t f g f" c" & 32" d k n n k p" e n q w f" e q o r w v k p i" e q p v t c e v" h t q o" v j g" P U C" q t" y j g p" O k e t q u q h v" n c p f u" c" & 44" d k n n k p" X T" j g c f u g v" e q p v t c e v" y k v j" v j g" C t o { . " k v ö u" w p f g t u v c p f c d n g" y j { " v g e j" executives repeat the grand narrative. It's in their interest to do so and in the interest of their shareholders. That said, we should recognize that today the nature of the military industrial complex has changed. The defense department has e q o g" v q" t g n { " o q t g" q p" d w u k p g u u" h g c f g t u" v j c p" d w u k p g u u" h g c f g t u" q p" v j g" f g h g p u g" f g r c t v o g p v" ö" " O g c p y j k n g" . [Ipgptcn" Hgvpqp](#) m p q y u" ð v j g u g" r c t v p g t u j k r u" i k x g" w u" c p" q r r q t w p k v { " v q" c n v g t" v j g" v c e v k e u" c p f" t g u j c r g" v j g" n c p f u e c r g" g k v j g t" q h" e q p f k e v" q t" k p"

competition or crisis to our advantage, advantage to team
fg o qetce{"Dwv" kv" ecpøv" dg" fqqg" ykvjqwv" rctvpgtkpi" ykvj"
cecf g o kc."kpfwuv{"cpf"kpvgtpcvkqpcn"vgc o o cvguðö"

Tgi ctfn guu"qh"vjg"o qvxcvkqp" hqt"CK"vge j p q n q i kecn" kppqxcvkqp."
the issue of regulating the development and application of
ctvkŁekcn"kpvgmk i gpeg" ykvjqwv"uvk ĩ kpi "kppqxcvkqp" ycu" c"vqrke"
fkuewuugf"vj tqwi j qwv"vjg"Vc o rc"Uw o o kvð"ðVjgtg"ku"vjku"hgct"
y j g p g x g t" y g" dtkpi "wr"vjg"vqrke"qh"tg i wncvkqp" ykvj"CK"vjcv"kvøu"
i qkpi"vq"lwuv"j c o uvtkpi "wu"kp"qwt"cdknkv {"vq"cfcrv"cpf" kppqxcvg"
swkemm{"cpf"vjcvømm"o cmg"wu"nqug"qwt"eq o rgvkvkxg"cfxcpcvc i gö"
[Lqip" Nkecvq](#) uvcvgfð" " Tgi wncvkqp" qh" CK" ku" ujqtvuki jvgf."
[Fcoqp" Yqqfctf](#)" dgnkgxguð" ð Y jgp" y g" vcnm" cdqww" ctkvŁekcn"
intelligence, we have three components. We have data, we
jcxg" o cvj." cpf" y g" jcxg" eq o r w v g ð" V j g" d g u v" { q w" e c p" j q r g"
hqt"ku"vq"tg i wncvg"vjg"fcvcðö"Vjgtg"ku"cp"qxgtcte jkpi"eqpegtp"
that too much regulation will prevent research and industry
from rapidly keeping pace with demand for AI products.
Eqp i t g u u y q o c p" [Ncwtgn" Ngg](#) emphasized the importance of
jcxkpi" ðdcncpegf" ng i kuncvkqp" vjcv"vjcv"

of data and information as well as the speed challenges our

October 8th, 2024

Speakers:

Research Quick Shots:

Learning Co-Speech Gesture for Multimodal Aphasia Type Detection

Fcgwp"Ngg."Rj F"ecpfkfcvg"cpf"Xkukvki"Uejqct

Applications of Cognitive Modeling in Multifactor Authentication

Uygr jgp"Uvgkpng."Rj F"Ecpfkfcvg"

FT-CycleGAN: a novel frequency-based loss function for visual-and-IR image translation to boost multimodal object detection

Pkeqncu"Dwuvqu."Rj F"Ecpfkfcvg"

The Impact of using Data Fusion with Synthetic Images on Multimodal Object Detection

Ogjtuc"Ocu j jcfk."Rj F"Ecpfkfcvg"

Intelligent Dynamically Adaptive Simulation for Medical Trauma Team Training

Ft"Rcwn"J wpi ngt."Cuuqekcvg"Rtqhguuqt."Swggpu"Wpkxgtukv{"

Roundtable 2: Developing the Future AI Workforce

Oqfgtcvqt<"Ocwjgy"Ownctmg{"Fktgevqt"qh"vjg" Fqevqt"qh"Dwukpguu"Cf o kpkuvtcvkqp."Ow o c"Eqnng i g"qh"Dwukpguu."Wpkxgtukv{"qh"Uqvwj" Hnqtkfc

Cxkm"Dcvtc."Ocpiki" Fktgevqt."Ceegpwtg"Uqpi

Cpignc"Eqw i j."Ugpkqt"Cfxkuqt."Fki kvcn"Vcngpv."EFCQ

Lqg"Rctvny."Ejkgh"Vgejpqni {"QhLegt."TgnkcSwguy

Ujctqp"Fcpkgnu."Ugpkqt"Ngc fgt."Cttk"PN I

Gtke"Xqignrqn."Ejkgh"Vgejpqni {"QhLegt."Rtgukfkq

Fkuenck ogt<"Uw o kv" Tgrqtvtg l gev" y jcv"vjg"urgcmgtu"cpf"rcpgnkuv"uvcvgf"fwtkpi"vjg"gxgpw" Nk o kvgf"qwukfg"gxkfgpeg"ku" wugf"vq"uwrrqt"vjgkt"enck o u"kp"vjku"fqew o gpw"Vjku" fqew o gpv" ycu"rtgrctgf"d{"vjg" Inqdcn"cpf" Pcvkqpcn"Ugewtkv{"kpukwvg"* I PUK+cv"vjg"Wpkxgtukv{"qh"Uqvwj" Hnqtkfc"*WUH#0" I PUK"Uw o kv" Tgrqtvtu"ck o"vq"rtqxfg"vjg"tgc fgt" ykvj" c"eqpekug"gzc o kpcvkqp"qh"vjg"uw o kv"urgcmgtu"kpki jv"cpf"rqnke{"tgeq o o gpfcvkqpu"vq"gpj cpeg" fgekukqp/ o cmkp i"Vjg"cpca{"uku"cpf" xkyu"rtgugpvgf" jgtg'dgnqpi"vq"vjg" cwvjqt*u+"cpf"urgcmgtu"cpf"fq"pqw"tgrtgugpv"vjg"xkyu"qh"vjg" Fgrctv o gpv"qh" Fghgpug"qt"kvu"eq o rppgpw"qt"vjg" WUH"cf o kpkuvtcvkqp"qt"kvu"eq o rppgpw





About USF's Global and National Security Institute

Today's national security environment is increasingly complex and covers global problems such as strategic competition, emerging technologies, biothreats, climate change, and cybercrime.

To address these challenges, the University of South Florida formed the Global and National Security Institute (GNSI), positioning USF as a leader in developing robust interdisciplinary analyses of large-scale global security problems.

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to provide actionable solutions for decision-makers at local, state, national and global levels.

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